

10/576,492

=> d his

(FILE 'HOME' ENTERED AT 22:06:16 ON 21 OCT 2009)

FILE 'REGISTRY' ENTERED AT 22:06:23 ON 21 OCT 2009

FILE 'CAPLUS' ENTERED AT 22:06:26 ON 21 OCT 2009

L1 1 S US 20080045505/PN
SELECT RN L1 1-

FILE 'REGISTRY' ENTERED AT 22:06:43 ON 21 OCT 2009

L2 138 S E1-138
L3 69 S L2 AND 7/SZ
L4 62 S L3 AND NRS>2

FILE 'CAPLUS' ENTERED AT 22:10:02 ON 21 OCT 2009

L5 1 S L4

FILE 'REGISTRY' ENTERED AT 22:15:19 ON 21 OCT 2009

L6 STRUCTURE UPLOADED
L7 50 S L6
L8 3697 S L6 SSS FUL
L9 176 S L8 AND CYCLOPROP?
L10 147 S L8 AND CYCLOBUT?
L11 24 S L8 AND CYCLOPEN?
L12 232 S L8 AND CYCLOHEX?
L13 1 S L8 AND CYCLOHEP?
L14 572 S L9 OR L10 OR L11 OR L12 OR L13

FILE 'CAPLUS' ENTERED AT 22:20:01 ON 21 OCT 2009

L15 20 S L14
L16 16 S L15 NOT (2009/SO OR 2008/SO OR 2007/SO OR 2006/SO OR 2005/SO)

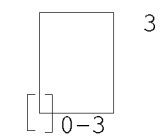
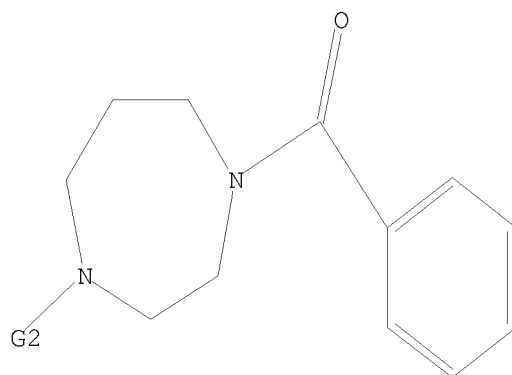
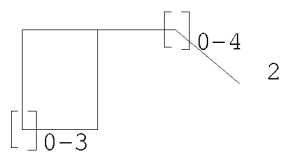
=> d 16

L6 HAS NO ANSWERS

L6 STR

10/576,492

Ak¹



G1

G2 Cb,[@1],[@2],[@3]

Structure attributes must be viewed using STN Express query preparation.

=> d ibib abs hitstr total

L16 ANSWER 1 OF 16 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2009:617753 CAPLUS
 DOCUMENT NUMBER: 150:563845
 TITLE: Preparation of pyridazinone derivatives as inhibitors
 of poly(adenosine diphosphate)polymerase (parp)
 INVENTOR(S): Branca, Danila; Dessole, Gabriella; Ferrigno,
 Federica; Jones, Philip; Kinzel, Olaf; Lillini,
 Samuele; Muraglia, Ester; Pescatore, Giovanna;
 Schultz-Fademrecht, Carsten
 PATENT ASSIGNEE(S): Istituto di Ricerche di Biologia Molecolare P.
 Angeletti S.p.A., Italy
 SOURCE: PCT Int. Appl., 141pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2009063244	A1	20090522	WO 2008-GB51063	20081114
W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
PRIORITY APPLN. INFO.:			GB 2007-22401	A 20071115
			GB 2008-16707	A 20080912
OTHER SOURCE(S):		MARPAT 150:563845		
GI				

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Title compound I [m, n = independently 0-1; X = (CH₂)_d; d = 1-2; R = [(CR₃R₄)eR₅]f; e, f, q = independently 0-4; A = 6-15 membered monocyclyl, fused, bridged or spiro saturated heterocyclyl containing 2 N's and 0-1 O, substituted by one oxo group; R₁ = independently at each occurrence alkyl, haloalkyl, halo, CN; R₂ = independently at each occurrence OH, halo, R₁, OH, alkoxy, haloalkoxy, NH₂ and derivs.; R₃, R₄ = independently at each occurrence H, halo, alkyl, haloalkyl; R₅ = independently at each occurrence R₁, alkenyl, alkoxy, carbonyl, (un)substituted cycloalkyl, aryl, azetidyl, etc.], and their pharmaceutically acceptable salts, stereoisomers and tautomers were prepared and disclosed as inhibitors of poly(adenosine diphosphate)polymerase (parp). Thus, reacting 5-[(4,5-dimethyl-6-oxo-1,6-dihydropyridazin-3-yl)methyl]-2-fluorobenzoic acid (preparation given) with 1-cyclohexyl-3,3-dimethylpiperazin-2-one (preparation given) gave II•TFA.

Selected I showed an IC50 value of less than 5 μ M in a PARP-1 SPA assay. I were tested in an antiproliferative assay in matched pair BRCA1wt and BRCA1-(shRNA) HeLa cells. The majority of compds. I showed a CC50 less than 5 μ M in BRCA1 deficient cells and a greater than 50 fold selectivity over the BRCA proficient cells. I should prove useful for the treatment of cancer, inflammatory diseases, reperfusion injuries, ischemic conditions, stroke, renal failure, cardiovascular diseases, vascular diseases other than cardiovascular diseases, diabetes mellitus, neurodegenerative diseases, retroviral infections, retinal damage, skin senescence and UV-induced skin damage, and as chemo- or radiosensitizers for cancer treatment.

IT 1154869-36-9P 1154870-76-4P,
1-Cyclopropyl-4-[5-[(4,5-dimethyl-6-oxo-1,6-dihydropyridazin-3-yl)methyl]-2-fluorobenzoyl]-1,4-diazepan-2-one
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(drug candidate; preparation of pyridazinone derivs. as inhibitors of poly(adp-ribose)polymerase)

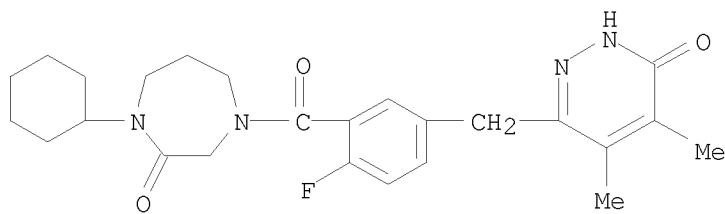
RN 1154869-36-9 CAPLUS

CN 2H-1,4-Diazepin-2-one, 1-cyclohexyl-4-[5-[(1,6-dihydro-4,5-dimethyl-6-oxo-3-pyridazinyl)methyl]-2-fluorobenzoyl]hexahydro-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 1154869-35-8

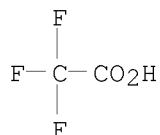
CMF C25 H31 F N4 O3



CM 2

CRN 76-05-1

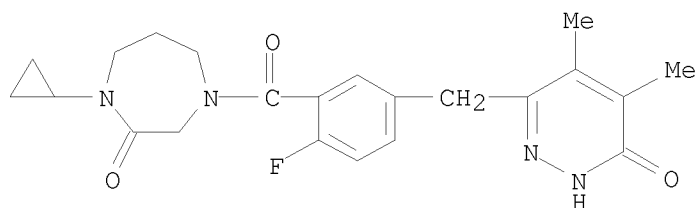
CMF C2 H F3 O2



RN 1154870-76-4 CAPLUS

CN 2H-1,4-Diazepin-2-one, 1-cyclopropyl-4-[5-[(1,6-dihydro-4,5-dimethyl-6-oxo-3-pyridazinyl)methyl]-2-fluorobenzoyl]hexahydro- (CA INDEX NAME)

10/576,492



REFERENCE COUNT:

2

THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 2 OF 16 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2009:237998 CAPLUS

DOCUMENT NUMBER: 150:283083

TITLE: Preparation of piperazine derivatives as LXR
modulatorsINVENTOR(S): Ho, Koc-Kan; Roughton, Andrew Laird; Neagu, Irina;
Chan, Jui-Hsiang; Ansari, Nasrin; Morris, Michelle
Lee; Rong, Yajing; Ohlmeyer, Michael; Cooke, Andrew
John; Edwards, Andrew Stanley; Bennett, David Jonathan
PATENT ASSIGNEE(S): N.V. Organon, Neth.

SOURCE: PCT Int. Appl., 105pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

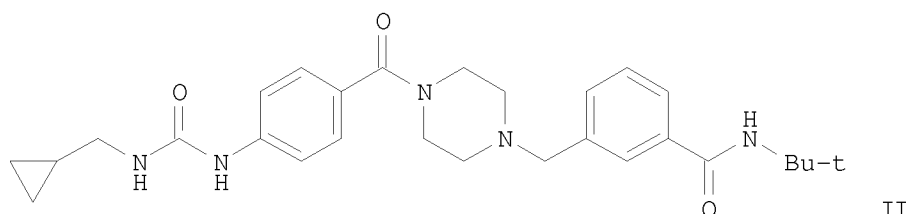
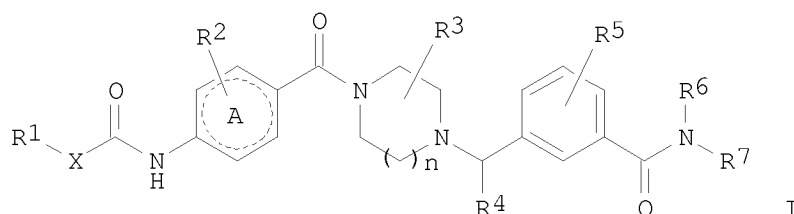
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2009024550	A1	20090226	WO 2008-EP60788	20080818
W:	AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			

PRIORITY APPLN. INFO.: EP 2007-114602 A 20070820

OTHER SOURCE(S): MARPAT 150:283083

GI



AB The invention relates to piperazine derivs. having the general formula I to pharmaceutical compns. comprising the same, and to the use of these compds. for the manufacture of a medicament for treating or preventing atherosclerosis and related disorders associated with cholesterol and bile acids transport and metabolism Compds. of formula I [n = 1-2; A = 6-membered aromatic ring; X = NR₈, O or bond; R₁ = H, (un)substituted alkyl, alkyloxy, alkyloxycarbonyl, cycloalkyl, etc.; R₂ = alkyl, alkyloxy, CF₃ or halogen; R₃ = (un)substituted alkyl; R₄ = H or alkyl; R₅ = alkyl, alkyloxy or halo; R₆ = H, (un)substituted alkyl, cycloalkyl, cycloalkyl-alkyl, or a 5- or 6-membered (hetero)aryl; R₇ = H or alkyl; R₈ = H or alkyl; NR₁R₈ = 4- to 8-membered (hetero)cyclyl], and their pharmaceutically acceptable salts, are prepared and disclosed. Thus, e.g., acylation of N-tert-Butyl-3-[(piperazin-1-yl)methyl]benzamide dihydrochloride (preparation given) with 4-nitrobenzoyl chloride followed by reduction to give intermediate 3-[[4-(4-aminobenzoyl)piperazin-1-yl]methyl]-N-tert-butylbenzamide which was treated with 4-nitrophenyl chloroformate and (cyclopropylmethyl)amine gave trifluoroacetate salt of II. Active compds. of the invention showed pK_i values > 5.5 with the binding to LXR α using purified ligand binding domain (LBD) in radioligand competition binding scintillation proximity assay.

IT 1124214-57-8P, N-tert-Butyl-3-[[4-[4-(3-cyclobutylureido)benzoyl]-1,4-diazepan-1-yl]methyl]benzamide 2,2,2-trifluoroacetate

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of piperazine derivs. as LXR modulators)

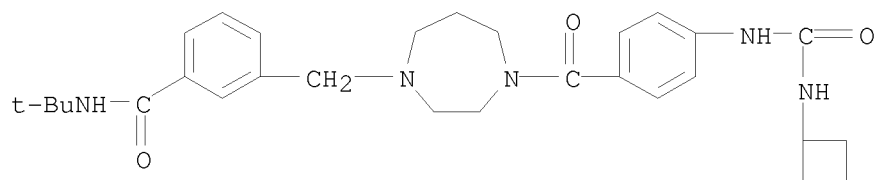
RN 1124214-57-8 CAPLUS

CN Benzamide, 3-[[4-[4-[(cyclobutylamino)carbonyl]amino]benzoyl]hexahydro-1H-1,4-diazepin-1-yl]methyl]-N-(1,1-dimethylethyl)-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

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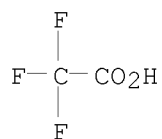
CM 1

CRN 1124214-56-7
CMF C29 H39 N5 O3



CM 2

CRN 76-05-1
CMF C2 H F3 O2



REFERENCE COUNT:

6

THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 3 OF 16 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:1310203 CAPLUS

DOCUMENT NUMBER: 149:513842

TITLE: Preparation of fused pyridazine derivatives as inhibitors of poly(ADP-ribose)polymerase

INVENTOR(S): Gandhi, Virajkumar B.; Giranda, Vincent L.; Gong, Jianchun; Penning, Thomas D.; Zhu, Gui-Dong

PATENT ASSIGNEE(S): Abbott Laboratories, USA

SOURCE: U.S. Pat. Appl. Publ., 162pp., Cont.-in-part of U.S. Ser. No. 964,822.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

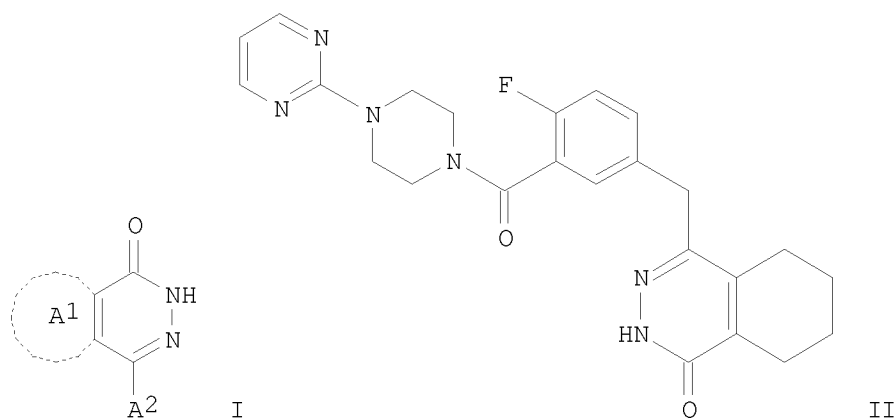
FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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US 20080269234	A1	20081030	US 2008-138168	20080612
AU 2007340020	A1	20080710	AU 2007-340020	20071220
CA 2672868	A1	20080710	CA 2007-2672868	20071220
KR 2009094116	A	20090903	KR 2009-713523	20071220
US 20080161280	A1	20080703	US 2007-964822	20071227
PRIORITY APPLN. INFO.:			US 2006-882317P	P 20061228
			US 2007-964822	A2 20071227
			WO 2007-US88319	W 20071220

OTHER SOURCE(S): MARPAT 149:513842

GI



AB The title compds. [I; wherein A1 = each (un)substituted R1 or R2; R1 = cycloalkane or cycloalkene, each of which is (un)fused with R1A; R2 = heterocycloalkane or heterocycloalkene, each of which is (un)fused with R2A; R1A, R2A = benzene, heteroarene, cycloalkane, cycloalkene, heterocycloalkane or heterocycloalkene; A2 = OR4, NHR4, N(R4)2, SR4, S(O)R4, SO2R4, or R5; R4 = C1-3 alkyl substituted with R5; R5 = C1-5 alkyl substituted with R10, and further unsubstituted or substituted with one or two or three of independently selected OR10, NHR10, N(R10)2, SR10, S(O)R10, SO2R10 or CF3; R10 = each (un)substituted R10A, R10B or R10C,

each of which must be attached at a carbon atom; R10A = each (un)fused Ph; R10B = each (un)fused 2- or 3-pyridyl, 4- or 5-pyrimidinyl, 2- or 3-thienyl, 2-, 4-, 5-thiazolyl or 2-, 4-, 5-oxazolyl; R10C = each (un)fused cycloalkyl, cycloalkenyl, heterocycloalkyl or heterocycloalkenyl] or pharmaceutically acceptable salts thereof were prepared. These compds. are inhibitors of poly(ADP-ribose)polymerase (PARP) and are useful for treating cancer optionally in combination with radiotherapy or a chemotherapeutic agent selected from temozolomide, dacarbazine, cyclophosphamide, carmustine, melphalan, lomustine, carboplatin, cisplatin, 5-fluorouracil, leucovorin, gemcitabine, methotrexate, bleomycin, irinotecan, camptothecin, or topotecan. Thus, 100 mg 2-fluoro-5-[(4-oxo-3,4,5,6,7,8-hexahydrophthalazin-1-yl)methyl]benzoic acid was stirred with 126 mg 2-(1H-7-azabenzotriazol-1-yl)-1,1,3,3-tetramethyluronium hexafluorophosphate methanaminium (HATU) and 92 μ L triethylamine and stirred for 20 min at room temperature, treated with 78 mg (piperazin-1-yl)pyrimidine dihydrochloride, and then stirred at room

temperature

for 16 h to give 4-[4-fluoro-3-[(4-pyrimidin-2-yl)piperazin-1-yl]carbonyl]benzyl]-5,6,7,8-tetrahydrophthalazin-1(2H)-one (II). II inhibited PARP-1 with K_i of 0.7 nM and showed the inhibition of the formation of poly ADP-ribose in C41 cell with EC_{50} of 0.7 nM.

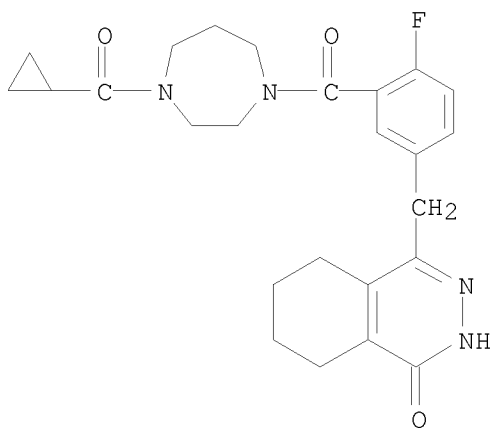
IT 1073657-08-5P 1073657-09-6P 1073657-11-0P
1073657-12-1P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of fused pyridazine derivs. as inhibitors of poly(ADP-ribose)polymerase for treating cancer)

RN 1073657-08-5 CAPLUS

CN 1(2H)-Phthalazinone, 4-[[3-[[4-(cyclopropylcarbonyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]-4-fluorophenyl]methyl]-5,6,7,8-tetrahydro- (CA INDEX NAME)



RN 1073657-09-6 CAPLUS

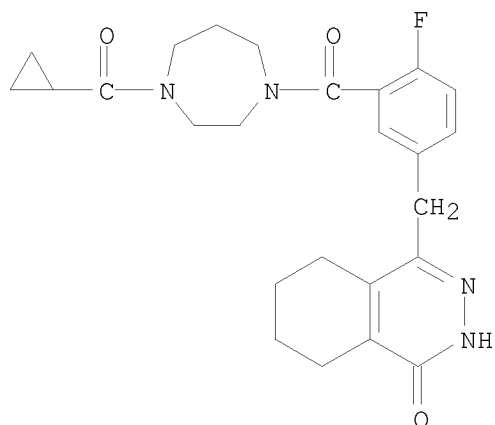
CN 1(2H)-Phthalazinone, 4-[[3-[[4-(cyclopropylcarbonyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]-4-fluorophenyl]methyl]-5,6,7,8-tetrahydro-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

10/576,492

CM 1

CRN 1073657-08-5

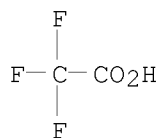
CMF C25 H29 F N4 O3



CM 2

CRN 76-05-1

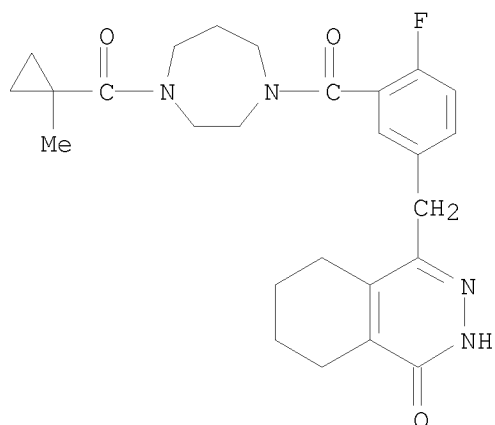
CMF C2 H F3 O2



RN 1073657-11-0 CAPLUS

CN 1(2H)-Phthalazinone, 4-[[4-fluoro-3-[[hexahydro-4-[(1-methylcyclopropyl)carbonyl]-1H-1,4-diazepin-1-yl]carbonyl]phenyl]methyl]-5,6,7,8-tetrahydro- (CA INDEX NAME)

10/576,492



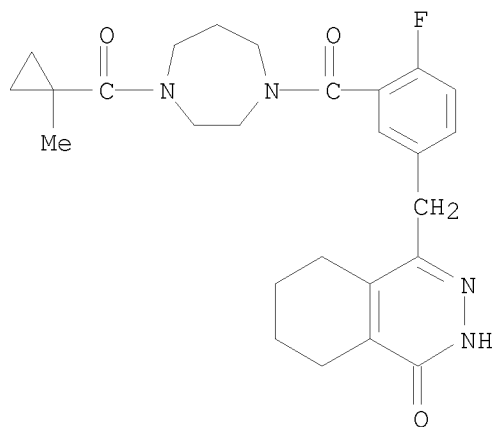
RN 1073657-12-1 CAPLUS

CN 1(2H)-Phthalazinone, 4-[[[4-fluoro-3-[[hexahydro-4-[(1-methylcyclopropyl)carbonyl]-1H-1,4-diazepin-1-yl]carbonyl]phenyl]methyl]-5,6,7,8-tetrahydro-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 1073657-11-0

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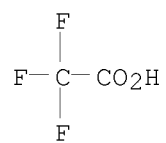


CM 2

CRN 76-05-1

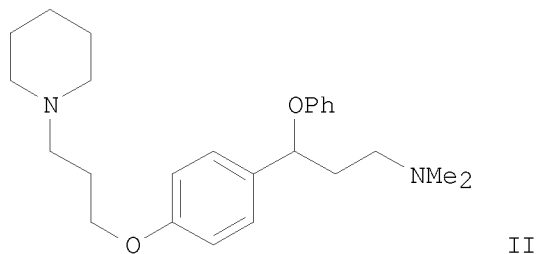
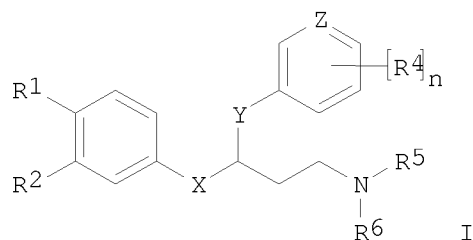
CMF C2 H F3 O2

10/576,492



L16 ANSWER 4 OF 16 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2008:639210 CAPLUS
 DOCUMENT NUMBER: 149:9893
 TITLE: Preparation of substituted phenyl propyl amines as
 histamine H3 receptor and serotonin transporter
 modulators
 INVENTOR(S): Keith, John M.; Miller, Jennifer M. B.; Stocking,
 Emily M.
 PATENT ASSIGNEE(S): Janssen Pharmaceutica N.V., Belg.
 SOURCE: PCT Int. Appl., 92pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008064036	A1	20080529	WO 2007-US84657	20071114
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
US 20080139564	A1	20080612	US 2007-939881	20071114
PRIORITY APPLN. INFO.:			US 2006-866112P	P 20061116
OTHER SOURCE(S):	MARPAT 149:9893			
GI				



AB The title compds. I [one of X and Y = O, S, NH or CH₂, and the other is a bond; Z = CH or N, with the proviso that Z = N only when Y = O; one of R₁ and R₂ = Q and the other = H; Q = OCHRa(CH₂)₂NRbRc, C.tplbond.C(CH₂)₂NRbRc, (CH₂)₄NRbRc, CH₂NRbRc or C(O)NRbRc (wherein Ra = H or is taken together with Rb to form ethylene; Rb and Rc = H or alkyl, or NRbRc = (un)substituted heterocycloalkyl); R₄ = halo, alkyl, CHF₂, etc.; n = 0-3; R₅ = H or alkyl; R₆ = alkyl; or NR₅R₆ = heterocycloalkyl; and their pharmaceutically acceptable salts] which are histamine H₃ receptor and/or serotonin transporter modulators useful in the treatment of histamine H₃ receptor- and/or serotonin-mediated diseases, were prepared E.g., a multi-step synthesis of II. maleate, starting from 1-(4-hydroxyphenyl)ethanone and 1-bromo-3-chloropropane, was given. Exemplified compds. I were tested in various biol. tests (data given for representative compds. I). Pharmaceutical composition comprising the compound

I was disclosed.

IT 1029649-31-7P

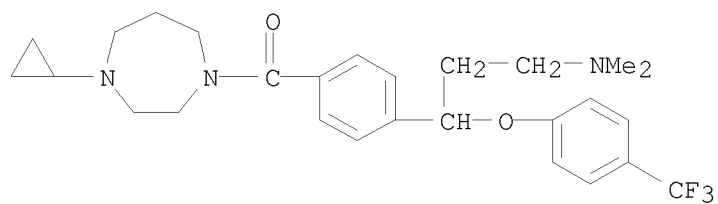
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of substituted phenylpropylamines as histamine H₃ receptor and serotonin transporter modulators useful in treatment of histamine H₃ receptor- and serotonin-mediated diseases)

RN 1029649-31-7 CAPLUS

CN Methanone, (4-cyclopropylhexahydro-1H-1,4-diazepin-1-yl) [4-[3-(dimethylamino)-1-[4-(trifluoromethyl)phenoxy]propyl]phenyl]- (CA INDEX NAME)

10/576,492



REFERENCE COUNT:

4

THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 5 OF 16 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:12128 CAPLUS

DOCUMENT NUMBER: 148:100642

TITLE: Preparation of substituted aminomethyl benzamides as histamine H3 receptor and serotonin transporter modulators

INVENTOR(S): Allison, Brett; Carruthers, Nicholas I.; Curtis, Michael P.; Keith, John M.; Letavic, Michael A.; Stocking, Emily M.

PATENT ASSIGNEE(S): Janssen Pharmaceutica N.V., Belg.

SOURCE: PCT Int. Appl., 73pp.

CODEN: PIXXD2

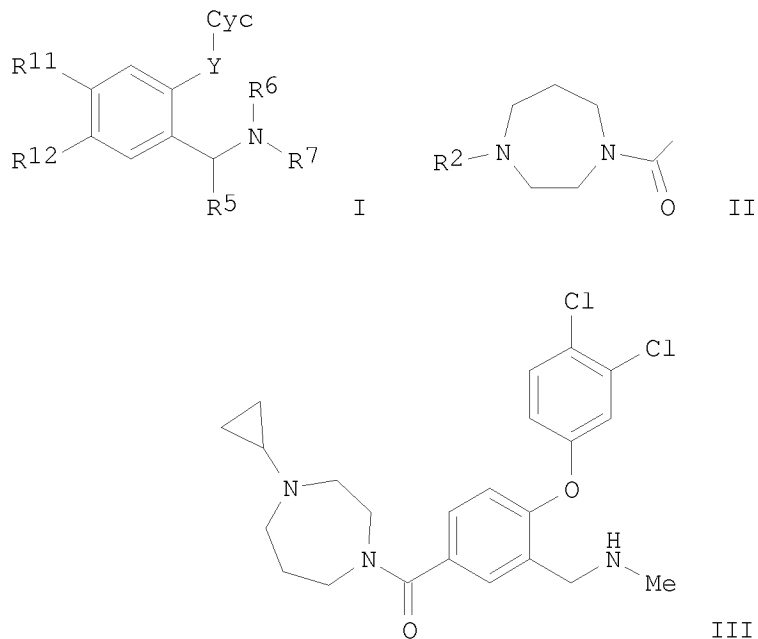
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008002818	A1	20080103	WO 2007-US71739	20070621
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
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CA 2656083	A1	20080103	CA 2007-2656083	20070621
US 20080045508	A1	20080221	US 2007-766153	20070621
EP 2046747	A1	20090415	EP 2007-798863	20070621
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS				
CN 101511790	A	20090819	CN 2007-80032397	20090302
PRIORITY APPLN. INFO.:			US 2006-806167P	P 20060629
			WO 2007-US71739	W 20070621
OTHER SOURCE(S):		MARPAT 148:100642		
GI				



AB The title compds. I [one of R11 and R12 = II and the other = H; Y = O, OCH₂, S, SO, SO₂; R2 = H, (un)substituted alkyl, cycloalkyl; R5 = H, alkyl; R6, R7 = H, alkyl, cycloalkyl, etc.; or NR₆R₇ = (un)substituted saturated monocyclic heterocycloalkyl; Cyc = (un)substituted Ph or monocyclic carbon-linked heteroaryl] that are histamine H₃ receptor and/or serotonin transporter modulators useful in the treatment of histamine H₃ receptor- and/or serotonin-mediated diseases, were prepared E.g., a multi-step synthesis of III, starting from 5-bromo-2-fluorobenzaldehyde and 3,4-dichlorophenol, was given. Exemplified compds. I were tested in H₃ receptor binding assay and rat brain SERT assay. For example, III showed K_i of 1.8 nM in human H₃ assay and K_i of 9.1 nM in rat SERT assay. Pharmaceutical compns. comprising compound I alone or in combination with other therapeutic agent are disclosed.

IT 1000391-96-7P 1000391-97-8P 1000391-99-0P
 1000392-00-6P 1000392-01-7P 1000392-02-8P
 1000392-03-9P 1000392-04-0P 1000392-05-1P
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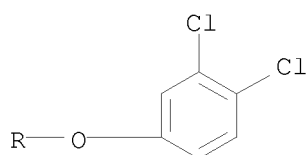
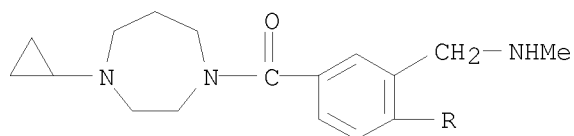
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

10/576,492

(preparation of substituted aminomethyl benzamides as histamine H3 receptor and serotonin transporter modulators for treating histamine H3 receptor- and serotonin-mediated diseases)

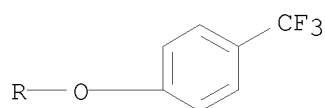
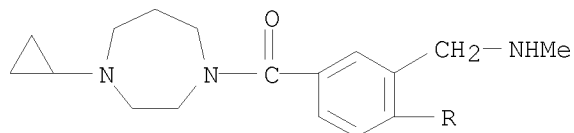
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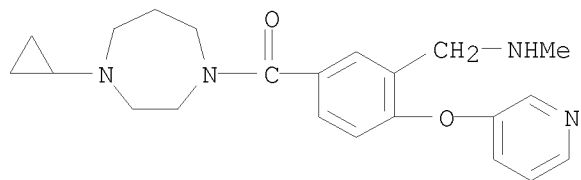
RN 1000391-97-8 CAPLUS

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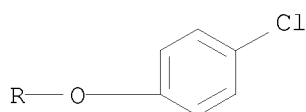
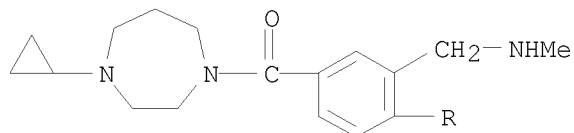
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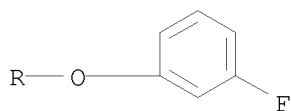
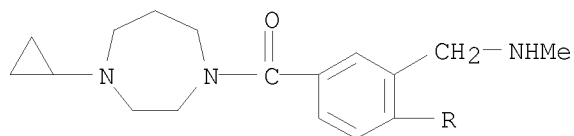
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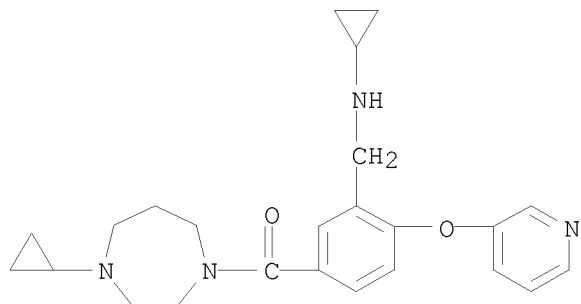
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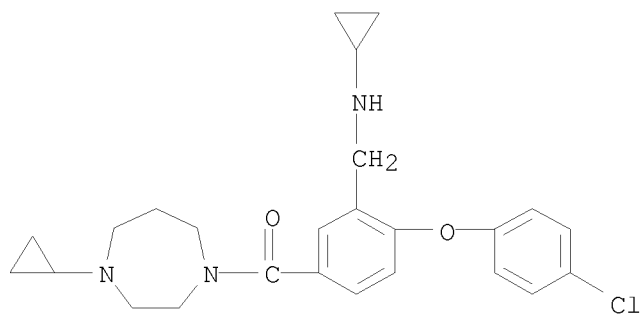
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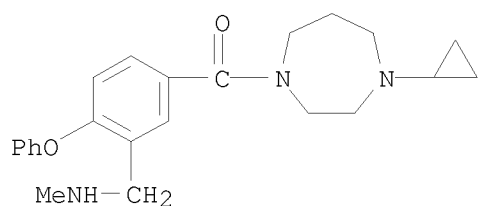
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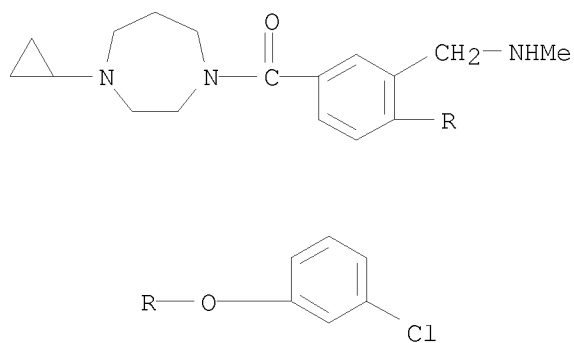
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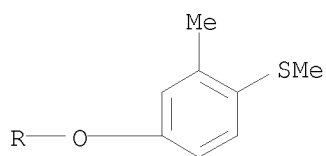
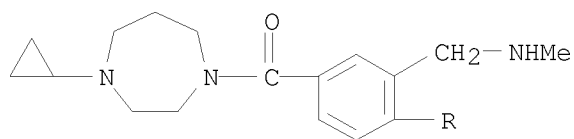
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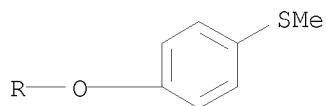
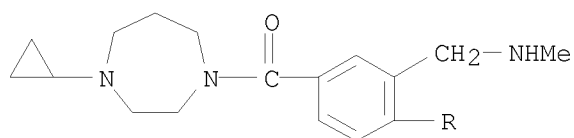
CN Methanone, (4-cyclopropylhexahydro-1H-1,4-diazepin-1-yl) [3-[(methylamino)methyl]-4-[3-methyl-4-(methylthio)phenoxy]phenyl]- (CA INDEX NAME)

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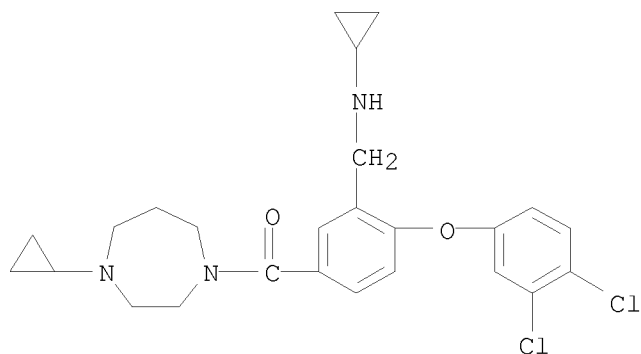
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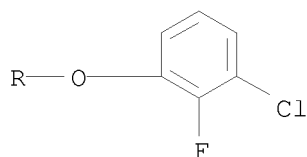
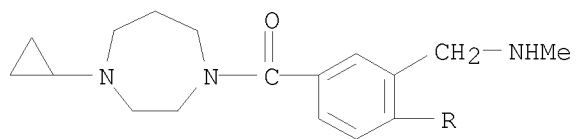
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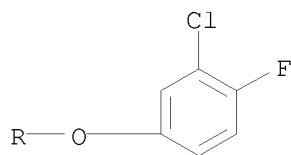
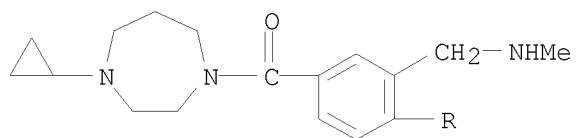
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10/576,492



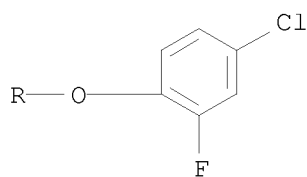
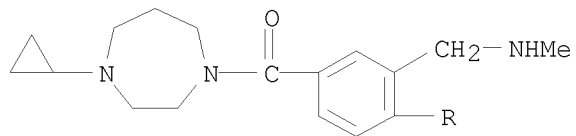
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CN Methanone, [4-(3-chloro-4-fluorophenoxy)-3-[(methylamino)methyl]phenyl](4-cyclopropylhexahydro-1H-1,4-diazepin-1-yl)- (CA INDEX NAME)



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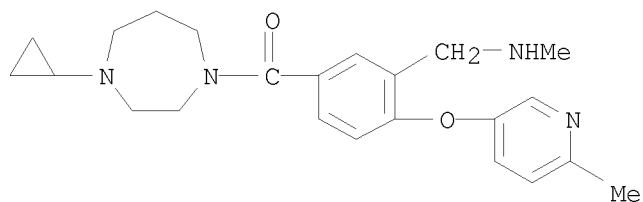
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10/576,492

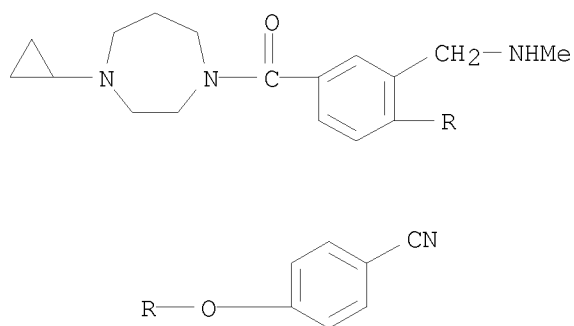
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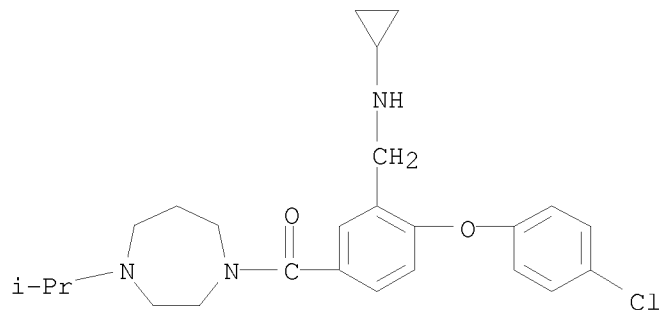
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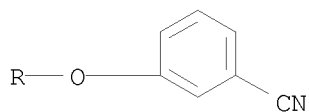
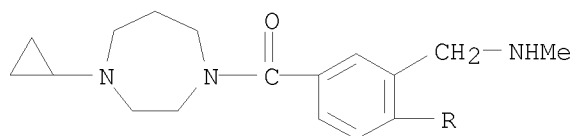
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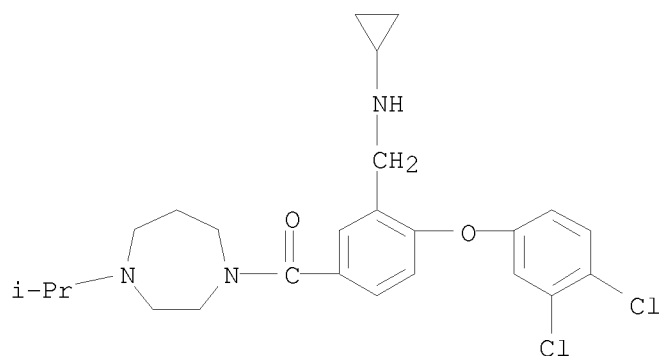
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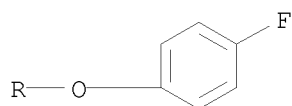
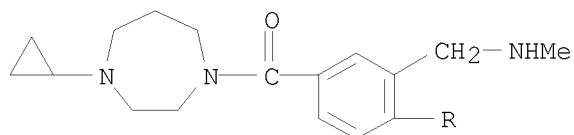
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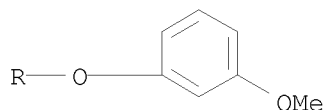
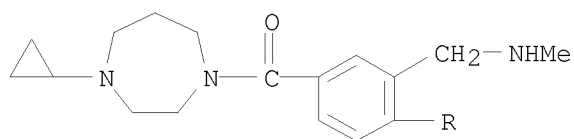
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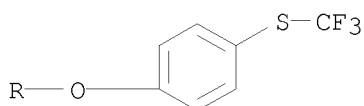
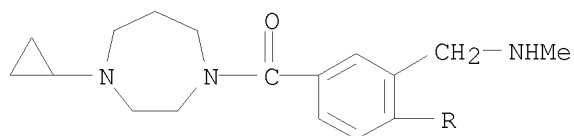
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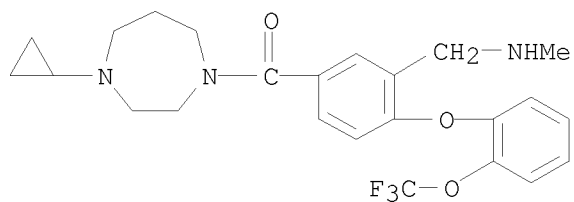
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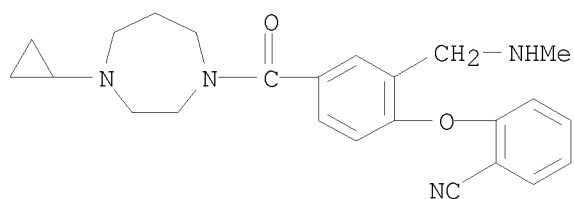
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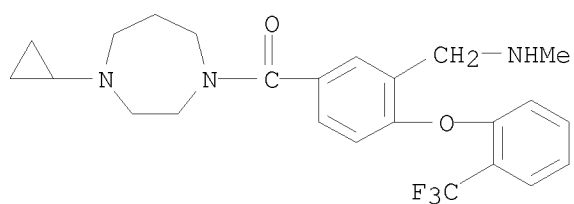
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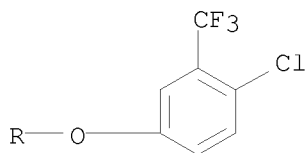
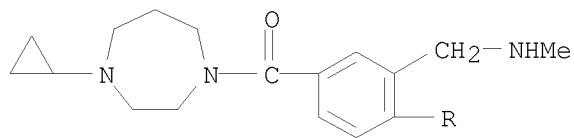
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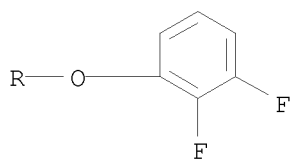
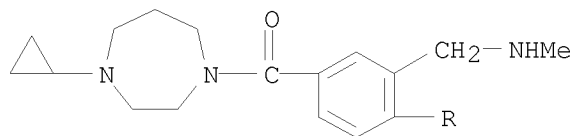
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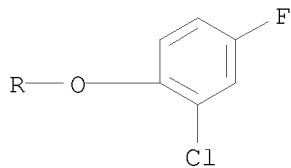
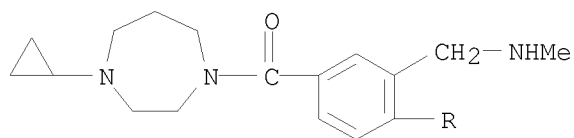
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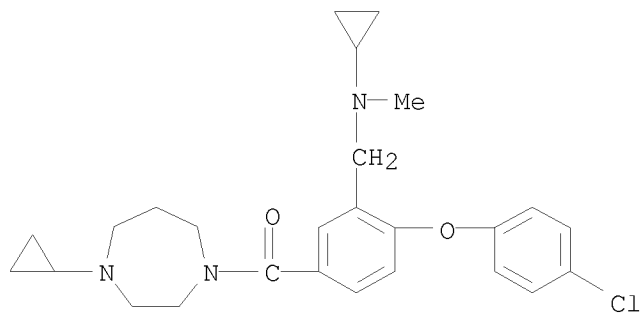
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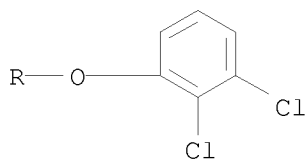
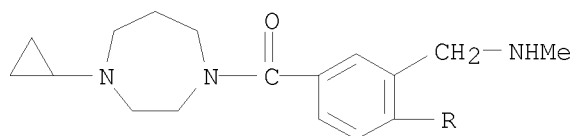
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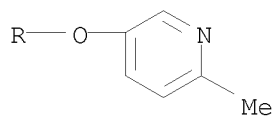
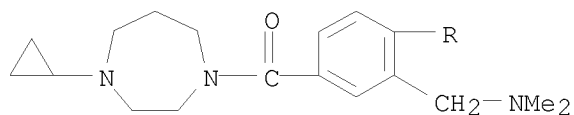
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CN Methanone, (4-cyclopropylhexahydro-1H-1,4-diazepin-1-yl) [4-(2,3-dichlorophenoxy)-3-[(methylamino)methyl]phenyl]- (CA INDEX NAME)



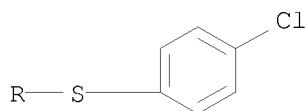
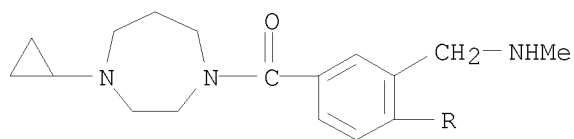
RN 1000392-31-3 CAPLUS

CN Methanone, (4-cyclopropylhexahydro-1H-1,4-diazepin-1-yl) [3-[(dimethylamino)methyl]-4-[(6-methyl-3-pyridinyl)oxy]phenyl]- (CA INDEX NAME)



RN 1000392-32-4 CAPLUS

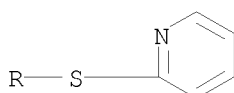
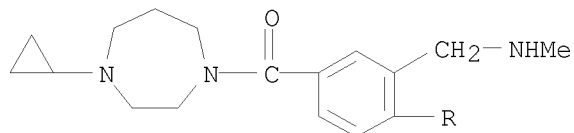
CN Methanone, [4-[(4-chlorophenyl)thio]-3-[(methylamino)methyl]phenyl] (4-cyclopropylhexahydro-1H-1,4-diazepin-1-yl)- (CA INDEX NAME)



10/576,492

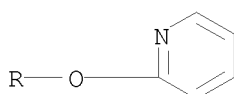
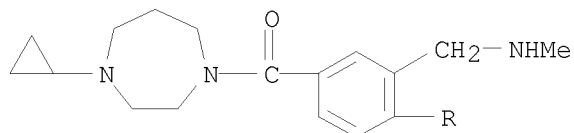
RN 1000392-33-5 CAPLUS

CN Methanone, (4-cyclopropylhexahydro-1H-1,4-diazepin-1-yl) [3-
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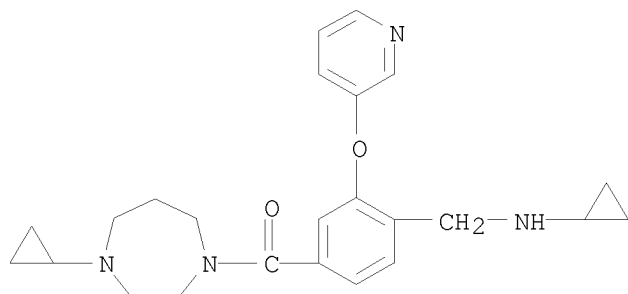
RN 1000392-34-6 CAPLUS

CN Methanone, (4-cyclopropylhexahydro-1H-1,4-diazepin-1-yl) [3-
[(methylamino)methyl]-4-(2-pyridinyloxy)phenyl]- (CA INDEX NAME)



RN 1000392-35-7 CAPLUS

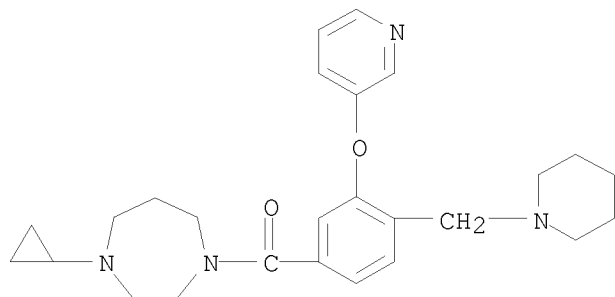
CN Methanone, [4-[(cyclopropylamino)methyl]-3-(3-pyridinyloxy)phenyl] (4-
cyclopropylhexahydro-1H-1,4-diazepin-1-yl)- (CA INDEX NAME)



RN 1000392-36-8 CAPLUS

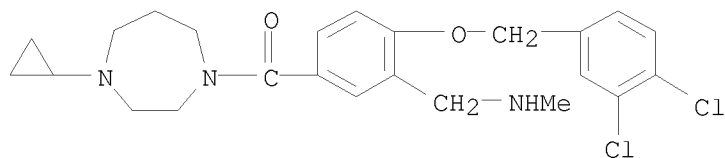
CN Methanone, (4-cyclopropylhexahydro-1H-1,4-diazepin-1-yl) [4-(1-
piperidinylmethyl)-3-(3-pyridinyloxy)phenyl]- (CA INDEX NAME)

10/576,492



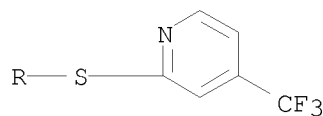
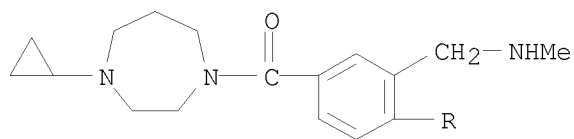
RN 1000392-37-9 CAPLUS

CN Methanone, (4-cyclopropylhexahydro-1H-1,4-diazepin-1-yl) [4-[(3,4-dichlorophenyl)methoxy]-3-[(methylamino)methyl]phenyl]- (CA INDEX NAME)



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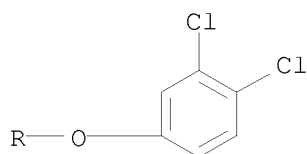
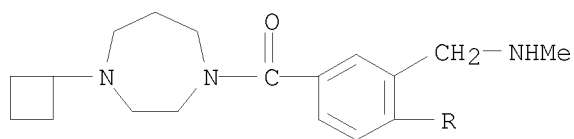
CN Methanone, (4-cyclopropylhexahydro-1H-1,4-diazepin-1-yl) [3-[(methylamino)methyl]-4-[[4-(trifluoromethyl)-2-pyridinyl]thio]phenyl]- (CA INDEX NAME)



RN 1000392-43-7 CAPLUS

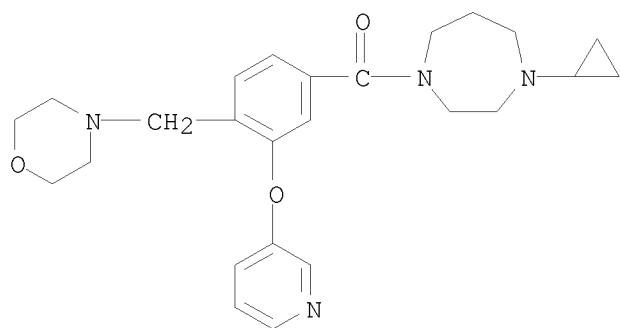
CN Methanone, (4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl) [4-(3,4-dichlorophenoxy)-3-[(methylamino)methyl]phenyl]- (CA INDEX NAME)

10/576,492



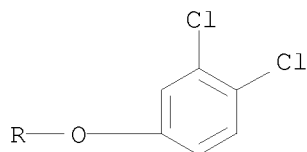
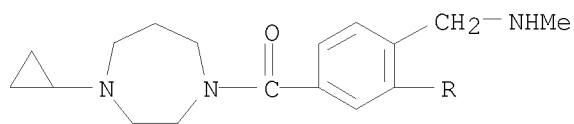
RN 1000392-46-0 CAPLUS

CN Methanone, (4-cyclopropylhexahydro-1H-1,4-diazepin-1-yl) [4-(4-morpholinylmethyl)-3-(3-pyridinyloxy)phenyl]- (CA INDEX NAME)



RN 1000392-47-1 CAPLUS

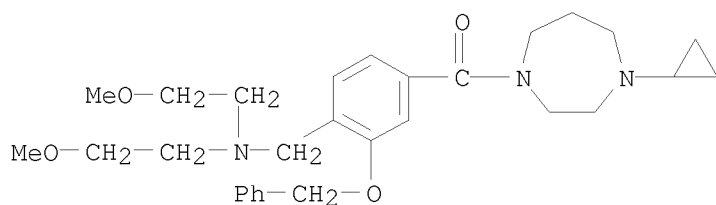
CN Methanone, (4-cyclopropylhexahydro-1H-1,4-diazepin-1-yl) [3-(3,4-dichlorophenoxy)-4-[(methylamino)methyl]phenyl]- (CA INDEX NAME)



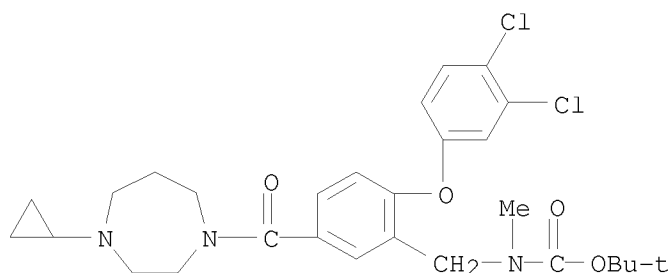
RN 1000392-49-3 CAPLUS

CN Methanone, [4-[[bis(2-methoxyethyl)amino]methyl]-3-

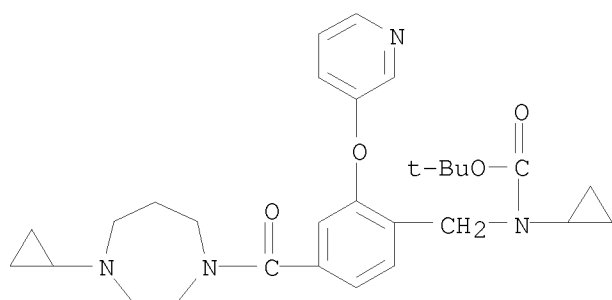
(phenylmethoxy)phenyl][4-cyclopropylhexahydro-1H-1,4-diazepin-1-yl)- (CA INDEX NAME)



IT 1000392-60-8P 1000392-64-2P 1000392-67-5P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of substituted aminomethyl benzamides as histamine H3 receptor and serotonin transporter modulators for treating histamine H3 receptor- and serotonin-mediated diseases)
 RN 1000392-60-8 CAPLUS
 CN Carbamic acid, N-[[5-[(4-cyclopropylhexahydro-1H-1,4-diazepin-1-yl)carbonyl]-2-(3,4-dichlorophenoxy)phenyl]methyl]-N-methyl-, 1,1-dimethylethyl ester (CA INDEX NAME)



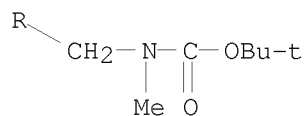
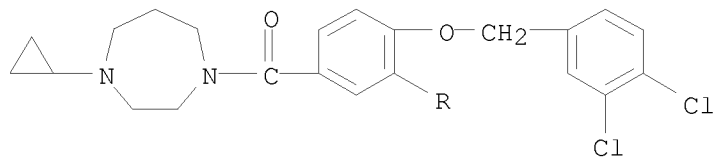
RN 1000392-64-2 CAPLUS
 CN Carbamic acid, N-cyclopropyl-N-[[4-[(4-cyclopropylhexahydro-1H-1,4-diazepin-1-yl)carbonyl]-2-(3-pyridinyloxy)phenyl]methyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)



RN 1000392-67-5 CAPLUS

10/576,492

CN Carbamic acid, N-[[5-[(4-cyclopropylhexahydro-1H-1,4-diazepin-1-yl)carbonyl]-2-[(3,4-dichlorophenyl)methoxy]phenyl)methyl]-N-methyl-, 1,1-dimethylethyl ester (CA INDEX NAME)



REFERENCE COUNT:

2

THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 6 OF 16 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:10101 CAPLUS

DOCUMENT NUMBER: 148:100641

TITLE: Preparation of substituted benzamide modulators of the histamine H3 receptor

INVENTOR(S): Allison, Brett D.; Carruthers, Nicholas I.; Letavic, Michael A.; Santillan, Alejandro, Jr.; Shah, Chandravadan R.

PATENT ASSIGNEE(S): Janssen Pharmaceutica N.V., Belg.

SOURCE: PCT Int. Appl., 64 pp.

CODEN: PIXXD2

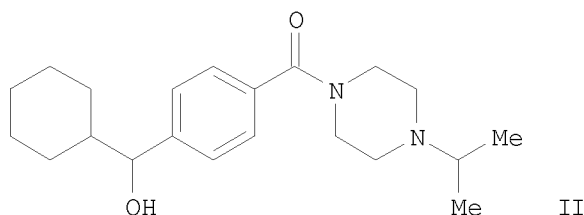
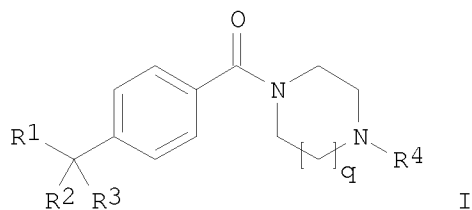
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008002816	A1	20080103	WO 2007-US71732	20070621
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
AU 2007265238	A1	20080103	AU 2007-265238	20070621
CA 2656072	A1	20080103	CA 2007-2656072	20070621
US 20080045507	A1	20080221	US 2007-766144	20070621
EP 2038269	A1	20090325	EP 2007-812229	20070621
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS				
CN 101511807	A	20090819	CN 2007-80032144	20090227
PRIORITY APPLN. INFO.:			US 2006-806164P	P 20060629
			WO 2007-US71732	W 20070621
OTHER SOURCE(S):		MARPAT 148:100641		
GI				



AB The title compds. I [R1 = H, alkyl, monocyclic cycloalkyl, Ph; R2 = H or Me; or R1 and R2 taken together form monocyclic cycloalkyl; R3 = H, OH, Me; or when R1 is not H or Ph, R2 and R3 taken together form a carbonyl; q = 1-2; R4 = alkyl, alkenyl, cycloalkyl, etc.; with the proviso] that are histamine H3 receptor modulators useful in the treatment of histamine H3 receptor-mediated diseases, were prepared. E.g., a multi-step synthesis of II, starting with 4-carboxybenzaldehyde, was given. Exemplified compds. I were tested for binding to the cloned human and rat H3 receptors. For example, II showed Ki of 7 nM in the human H3 receptor binding assay. Pharmaceutical compns. comprising the compound I alone or in combination with other therapeutic agent were disclosed.

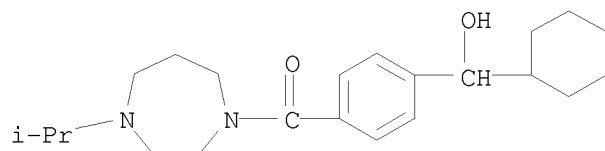
IT 1000404-73-8P 1000404-75-0P 1000404-86-3P
 1000404-87-4P 1000404-88-5P 1000404-89-6P
 1000404-90-9P 1000404-94-3P 1000404-95-4P
 1000404-96-5P 1000404-97-6P 1000404-98-7P
 1000404-99-8P 1000405-10-6P 1000405-11-7P
 1000405-13-9P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of substituted benzamides as histamine H3 receptor modulators for treating histamine H3 receptor-mediated diseases)

RN 1000404-73-8 CAPLUS

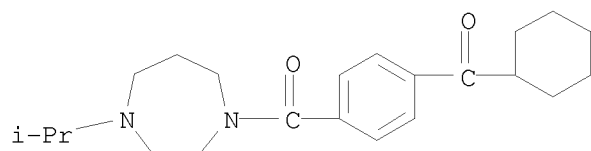
CN Methanone, [4-(cyclohexylhydroxymethyl)phenyl][hexahydro-4-(1-methylethyl)-1H-1,4-diazepin-1-yl]- (CA INDEX NAME)



RN 1000404-75-0 CAPLUS

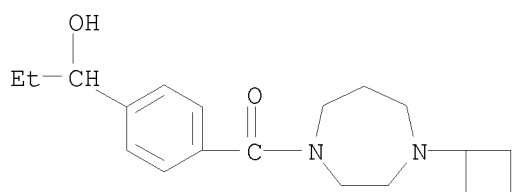
10/576,492

CN Methanone, [4-(cyclohexylcarbonyl)phenyl][hexahydro-4-(1-methylethyl)-1H-1,4-diazepin-1-yl]- (CA INDEX NAME)



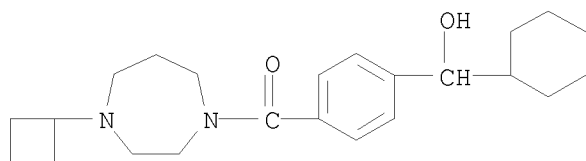
RN 1000404-86-3 CAPLUS

CN Methanone, (4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)[4-(1-hydroxypropyl)phenyl]- (CA INDEX NAME)



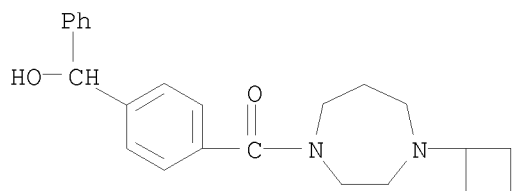
RN 1000404-87-4 CAPLUS

CN Methanone, (4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)[4-(cyclohexylhydroxymethyl)phenyl]- (CA INDEX NAME)



RN 1000404-88-5 CAPLUS

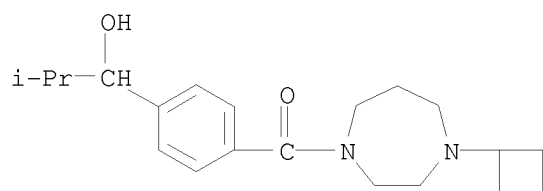
CN Methanone, (4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)[4-(hydroxyphenylmethyl)phenyl]- (CA INDEX NAME)



RN 1000404-89-6 CAPLUS

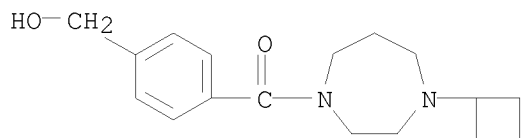
CN Methanone, (4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)[4-(1-hydroxy-2-methylpropyl)phenyl]- (CA INDEX NAME)

10/576,492



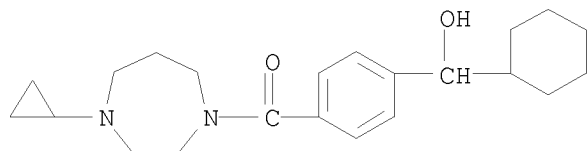
RN 1000404-90-9 CAPLUS

CN Methanone, (4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl) [4-(hydroxymethyl)phenyl]- (CA INDEX NAME)



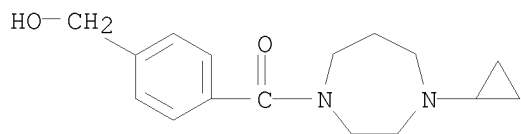
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CN Methanone, [4-(cyclohexylhydroxymethyl)phenyl] (4-cyclopropylhexahydro-1H-1,4-diazepin-1-yl)- (CA INDEX NAME)



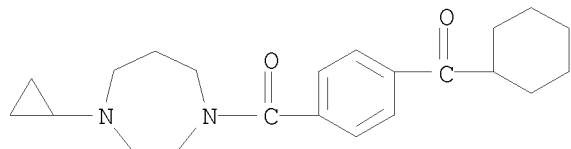
RN 1000404-95-4 CAPLUS

CN Methanone, (4-cyclopropylhexahydro-1H-1,4-diazepin-1-yl) [4-(hydroxymethyl)phenyl]- (CA INDEX NAME)



RN 1000404-96-5 CAPLUS

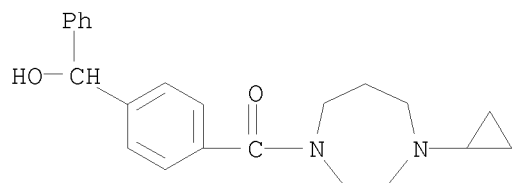
CN Methanone, [4-(cyclohexylcarbonyl)phenyl] (4-cyclopropylhexahydro-1H-1,4-diazepin-1-yl)- (CA INDEX NAME)



10/576,492

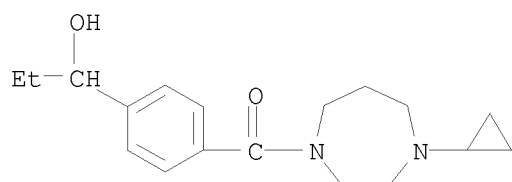
RN 1000404-97-6 CAPLUS

CN Methanone, (4-cyclopropylhexahydro-1H-1,4-diazepin-1-yl) [4-(hydroxyphenylmethyl)phenyl]- (CA INDEX NAME)



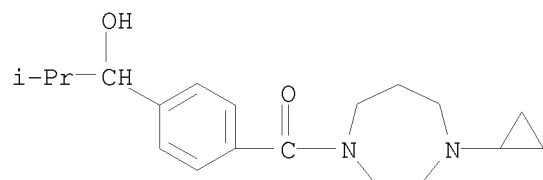
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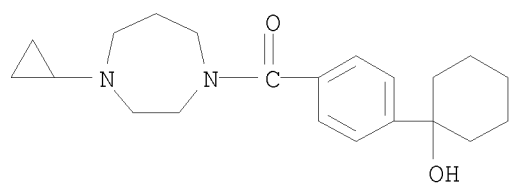
RN 1000404-99-8 CAPLUS

CN Methanone, (4-cyclopropylhexahydro-1H-1,4-diazepin-1-yl) [4-(1-hydroxy-2-methylpropyl)phenyl]- (CA INDEX NAME)



RN 1000405-10-6 CAPLUS

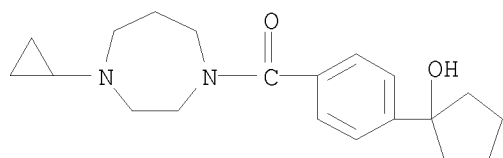
CN Methanone, (4-cyclopropylhexahydro-1H-1,4-diazepin-1-yl) [4-(1-hydroxycyclohexyl)phenyl]- (CA INDEX NAME)



RN 1000405-11-7 CAPLUS

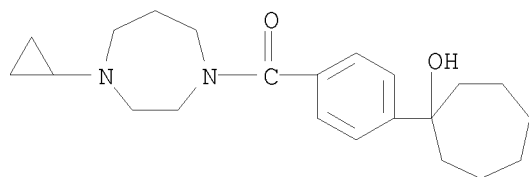
CN Methanone, (4-cyclopropylhexahydro-1H-1,4-diazepin-1-yl) [4-(1-hydroxycyclopentyl)phenyl]- (CA INDEX NAME)

10/576,492



RN 1000405-13-9 CAPLUS

CN Methanone, (4-cyclopropylhexahydro-1H-1,4-diazepin-1-yl)[4-(1-hydroxycycloheptyl)phenyl]- (CA INDEX NAME)



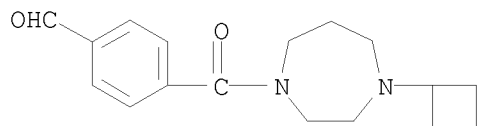
IT 1000405-22-0P 1000405-24-2P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of substituted benzamides as histamine H3 receptor modulators for treating histamine H3 receptor-mediated diseases)

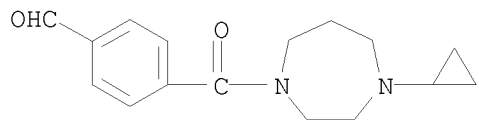
RN 1000405-22-0 CAPLUS

CN Benzaldehyde, 4-[(4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)carbonyl]- (CA INDEX NAME)



RN 1000405-24-2 CAPLUS

CN Benzaldehyde, 4-[(4-cyclopropylhexahydro-1H-1,4-diazepin-1-yl)carbonyl]- (CA INDEX NAME)



REFERENCE COUNT:

2

THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 7 OF 16 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2007:1396423 CAPLUS

DOCUMENT NUMBER: 148:55081

TITLE: Preparation of pyridinone and pyridazinone derivatives
as inhibitors of poly(adp-ribose)polymerase (parp)INVENTOR(S): Jones, Philip; Kinzel, Olaf; Pescatore, Giovanna;
Llauger Bufi, Laura; Schultz-Fademrecht, Carsten;
Ferrigno, FedericaPATENT ASSIGNEE(S): Istituto di Ricerche di Biologia Molecolare P.
Angeletti SpA, Italy

SOURCE: PCT Int. Appl., 101 pp.

CODEN: PIXXD2

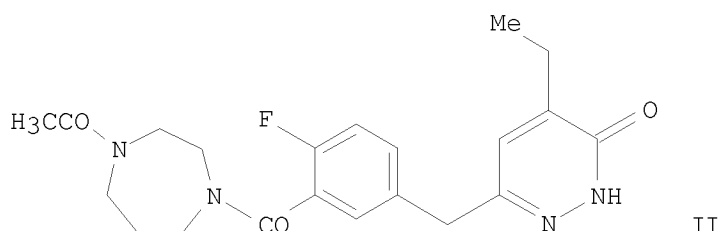
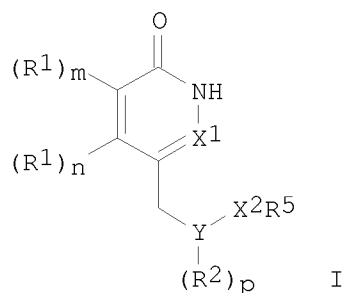
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007138351	A2	20071206	WO 2007-GB50295	20070525
WO 2007138351	A3	20080807		
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RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA			
AU 2007266836	A1	20071206	AU 2007-266836	20070525
CA 2653529	A1	20071206	CA 2007-2653529	20070525
EP 2029551	A2	20090304	EP 2007-733716	20070525
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS			
US 20090176765	A1	20090709	US 2008-227513	20081119
IN 2008DN09794	A	20090320	IN 2008-DN9794	20081125
MX 2008015014	A	20090417	MX 2008-15014	20081126
KR 2009015092	A	20090211	KR 2008-729132	20081127
CN 101501006	A	20090805	CN 2007-80020136	20081201
NO 2008005397	A	20090225	NO 2008-5397	20081229
PRIORITY APPLN. INFO.:			GB 2006-10680	A 20060531
			WO 2007-GB50295	W 20070525
OTHER SOURCE(S):	CASREACT 148:55081; MARPAT 148:55081			
GI				



AB Title compound I [R1 independently = alkyl, haloalkyl, halo or CN; m and n independently = 0 or 1; R2 independently = OH, halo, CN, alkyl, etc.; p = 0-3; R5 = H, OH, CN, alkyl, etc.; X1 = N or CH; X2 = (CH2)c(CO)d(NR3)e(Z=O)f(O)g(CH2)h(NR4)i; where R3 and R4 independently = H or alkyl; Z = C or SO; c and h independently = 0-6; d, e, f, g, and i independently = 0 or 1], and their pharmaceutically acceptable salts, are prepared and disclosed as inhibitors of poly(adp-ribose)polymerase (parp). Thus, e.g., the trifluoroacetate salt of II was prepared by acetylation of 4-{5-[(5-ethyl-6-oxo-1,6-dihydropyridazin-3-yl)methyl]-2-fluorobenzoyl}-1,4-diazepane trifluoroacetate salt (preparation given). The exemplified compds. described and tested by PARP-1 SPA assay were found to have an IC50 value of less than 5 μ M. I should prove useful for the treatment of cancer, inflammatory diseases, reperfusion injuries, ischemic conditions, stroke, renal failure, cardiovascular diseases, vascular diseases other than cardiovascular diseases, diabetes mellitus, neurodegenerative diseases, retroviral infections, retinal damage, skin senescence and UV-induced skin damage, and as chemo- or radiosensitizers for cancer treatment.

IT 959840-05-2P 959840-06-3P

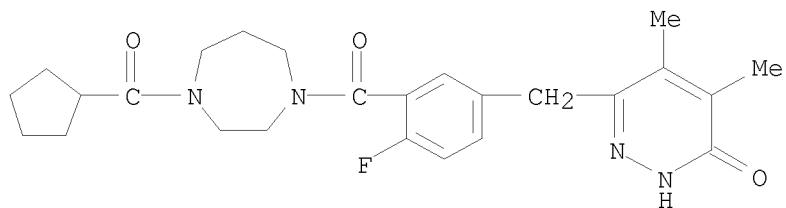
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of pyridinone and pyridazinone derivs. as inhibitors of poly(adp-ribose)polymerase)

RN 959840-05-2 CAPLUS

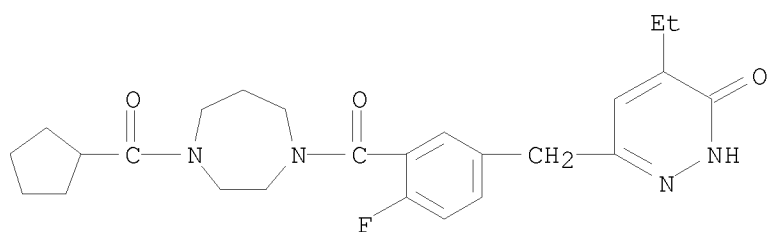
CN 3(2H)-Pyridazinone, 6-[[3-[[4-(cyclopentylcarbonyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]-4-fluorophenyl]methyl]-4,5-dimethyl- (CA INDEX NAME)

10/576,492



RN 959840-06-3 CAPLUS

CN 3(2H)-Pyridazinone, 6-[[3-[[4-(cyclopentylcarbonyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]-4-fluorophenyl]methyl]-4-ethyl- (CA INDEX NAME)



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD
(1 CITINGS)

L16 ANSWER 8 OF 16 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2007:150717 CAPLUS

DOCUMENT NUMBER: 146:229372

TITLE: Preparation of imidazolyl-pyrimidine compounds as CDK2 inhibitors

INVENTOR(S): Andrews, David; Finlay, Maurice Raymond; Green, Clive; Jones, Clifford

PATENT ASSIGNEE(S): Astrazeneca AB, Swed.; Astrazeneca Uk Limited

SOURCE: PCT Int. Appl., 159pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

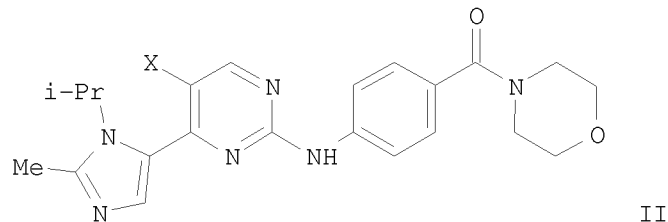
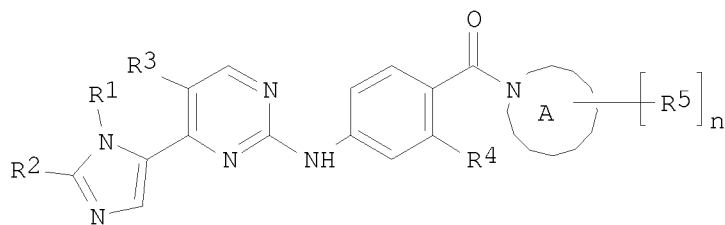
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007015064	A1	20070208	WO 2006-GB2801	20060727
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
AU 2006274733	A1	20070208	AU 2006-274733	20060727
CA 2617170	A1	20070208	CA 2006-2617170	20060727
EP 1912974	A1	20080423	EP 2006-765122	20060727
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, HR				
JP 2008542350	T	20081127	JP 2008-514205	20060727
JP 4278172	B2	20090610		
NO 2008000061	A	20080407	NO 2008-61	20080104
IN 2008DN00108	A	20080620	IN 2008-DN108	20080104
MX 2008001428	A	20080404	MX 2008-1428	20080129
KR 2008033450	A	20080416	KR 2008-704572	20080226
CN 101273031	A	20080924	CN 2006-80035603	20080326
US 20080280906	A1	20081113	US 2008-995159	20080507
JP 2009137990	A	20090625	JP 2009-3310	20090109
PRIORITY APPLN. INFO.:			GB 2005-15743	A 20050730
			GB 2005-20281	A 20051006
			GB 2005-26015	A 20051222
			GB 2006-8371	A 20060428
			JP 2008-514205	A3 20060727
			WO 2006-GB2801	W 20060727

OTHER SOURCE(S): MARPAT 146:229372

GI



AB Title compds. I [R1 = Et, Pr, iso-Pr, etc.; R2 = Me, Et, iso-Pr, etc.; R3 = H or halo; R4 = H, ethynyl, halo, etc.; ring A = nitrogen-linked saturated ring which optionally contains an addnl. nitrogen, oxygen or sulfur atom; wherein 2 atoms of ring A, when ring A is a nitrogen-linked saturated ring, may optionally be connected by a one or two atom bridge.; and wherein if ring A contains an addnl. nitrogen atom that nitrogen may be optionally substituted by R7.; R5 = substituent on carbon and selected from halo, cyano, hydroxy, etc.; R7 = alkyl, alkanoyl, alkylsulfonyl, etc.; n = 0-2], pharmaceutically acceptable salts or in-vivo hydrolyzable ethers thereof were prepared For example, Pd(OAc)₂ catalyzed coupling reaction of 5-fluoro-4-(3-isopropyl-2-methyl-3H-imidazol-4-yl)pyrimidin-2-ylamine, e.g., prepared from (2E)-3-dimethylamino-1-(1-isopropyl-2-methyl-1H-imidazol-5-yl)prop-2-en-1-one in 2 steps, with (4-iodophenyl)-morpholin-4-yl-methanone afforded compound II [X = F]. In CDK2 (cyclin-dependent kinase 2) inhibition assays, compound II [X = H] exhibited the IC₅₀ value of 3 nM. Compds. I are claimed useful for the treatment of proliferative disorders.

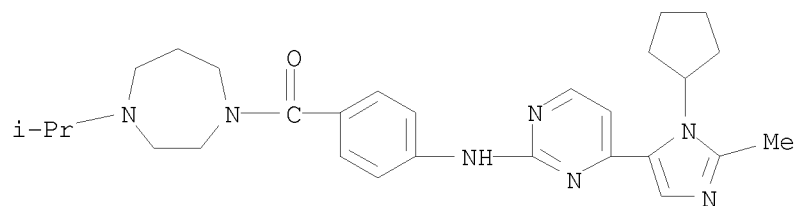
IT 924641-32-7P 924641-52-1P 924641-54-3P
924641-58-7P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of imidazolyl-pyrimidine compds. as CDK2 inhibitors for treatment of proliferative disorders)

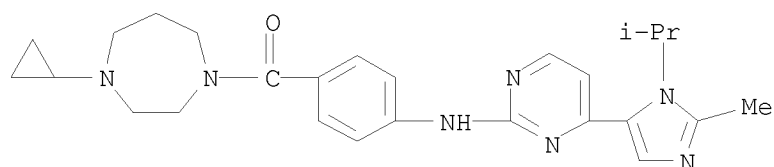
RN 924641-32-7 CAPLUS

CN Methanone, [4-[[4-(1-cyclopentyl-2-methyl-1H-imidazol-5-yl)-2-pyrimidinyl]amino]phenyl][hexahydro-4-(1-methylethyl)-1H-1,4-diazepin-1-yl]- (CA INDEX NAME)



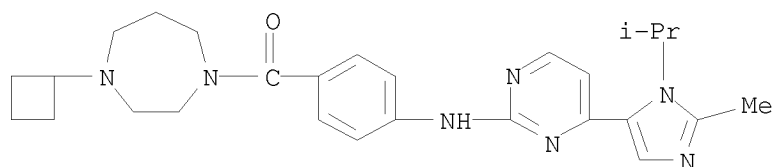
RN 924641-52-1 CAPLUS

CN Methanone, (4-cyclopropylhexahydro-1H-1,4-diazepin-1-yl) [4-[[4-[2-methyl-1-(1-methylethyl)-1H-imidazol-5-yl]-2-pyrimidinyl]amino]phenyl]- (CA INDEX NAME)



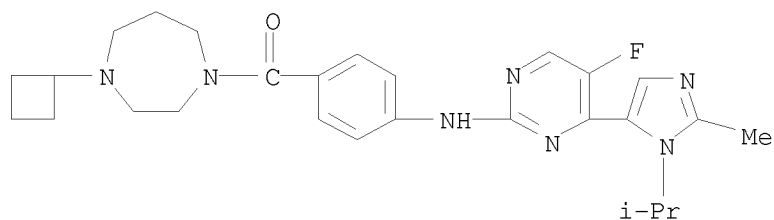
RN 924641-54-3 CAPLUS

CN Methanone, (4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl) [4-[[4-[2-methyl-1-(1-methylethyl)-1H-imidazol-5-yl]-2-pyrimidinyl]amino]phenyl]- (CA INDEX NAME)



RN 924641-58-7 CAPLUS

CN Methanone, (4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl) [4-[[5-fluoro-4-[2-methyl-1-(1-methylethyl)-1H-imidazol-5-yl]-2-pyrimidinyl]amino]phenyl]- (CA INDEX NAME)



IT 924643-15-2P, (4-Cyclopropyl-1,4-diazepan-1-yl) (4-iodophenyl)methanone 924643-16-3P,
(4-Cyclobutyl-1,4-diazepan-1-yl) (4-iodophenyl)methanone

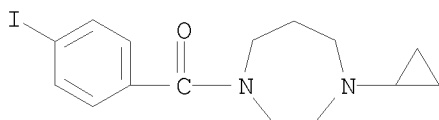
10/576,492

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of imidazolyl-pyrimidine compds. as CDK2 inhibitors for treatment of proliferative disorders)

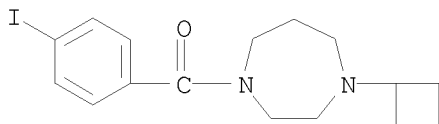
RN 924643-15-2 CAPLUS

CN Methanone, (4-cyclopropylhexahydro-1H-1,4-diazepin-1-yl) (4-iodophenyl)-
(CA INDEX NAME)



RN 924643-16-3 CAPLUS

CN Methanone, (4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl) (4-iodophenyl)-
(CA INDEX NAME)



REFERENCE COUNT:

4

THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 9 OF 16 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2006:1119177 CAPLUS

DOCUMENT NUMBER: 145:471561

TITLE: Diarylmethylpiperazines as μ - and δ -opioid
receptor modulators and their preparation,
pharmaceutical compositions and method of use thereof

INVENTOR(S): Jan, Shyi-Tai; Chang, Kwen-Jen; Biciunas, Kestutis P.;
Ma, Xin

PATENT ASSIGNEE(S): Ardent Pharmaceuticals, Inc., USA

SOURCE: PCT Int. Appl., 164pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006113468	A2	20061026	WO 2006-US14133	20060414
WO 2006113468	A3	20070322		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
AU 2006236622	A2	20061026	AU 2006-236622	20060414
AU 2006236622	A1	20061026		
CA 2643677	A1	20061026	CA 2006-2643677	20060414
US 20070043028	A1	20070222	US 2006-404632	20060414
EP 1874315	A2	20080109	EP 2006-750223	20060414
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR			
JP 2008546638	T	20081225	JP 2008-506754	20060414
IN 2007DN08715	A	20080627	IN 2007-DN8715	20071113
CN 101198330	A	20080611	CN 2006-80021314	20071214
PRIORITY APPLN. INFO.:			US 2005-671367P	P 20050414
			WO 2006-US14133	W 20060414
OTHER SOURCE(S):	CASREACT 145:471561; MARPAT 145:471561			
GI				

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Diarylmethylpiperazine compds. of formula I are described, which are useful as μ and/or δ receptor opioid compds., without central side effects. Pharmaceutical compns. containing such compds. are variously useful for peripheral or non-centrally mediated indications, including peripherally mediated and neuropathic pain, urogenital tract disorders,

overactive bladder, urinary incontinence, sexual disorders, premature ejaculation, cough, lung edema, cardiac disorders, cardioprotection, gastro-intestinal disorders, diarrhea, irritable bowel syndrome, functional distention, immuno-modulation and anti-tumor activity. Compds. of formula I wherein Z is H, O(CH₂)_mCH₃, and OH; m is 0 to 4; X is CO and SO₂, which is in the meta or para position of the Ph ring; DL is difunctional amine linker having a nitrogen covalently bonded to the carbon or sulfur atom to the X group; Q is CH₂, CH₂Ar and CH₂CH₂Ar, wherein the difunctional linker is covalently bonded to the terminal carbon of the Q group; Ar is disubstituted 5- or 6-membered carbocyclic and heteroarom. ring; n is 0, 1, 2, 3, 4, and 5; R₁ is C1-6 alkyl, C2-6 alkenyl, C1-6 cycloalkylmethyl, C5-10 aryl-C1-4 alkyl, (halo)benzyl, and carboxybenzyl; R₂ is H and salts thereof are claimed. Example compound II was prepared by amidation of 3-[(R)-((2S,5R)-4-allyl-2,5-dimethylpiperazin-1-yl)(3-hydroxyphenyl)methyl]benzoic acid with homopiperazine. All the invention compds. were evaluated for their in vitro opioid receptor affinity (data given).

IT 913643-81-9P 913643-82-0P 913643-84-2P
 913643-86-4P 913643-87-5P 913643-88-6P
 913643-94-4P 913643-96-6P 913644-04-9P
 913644-05-0P 913644-12-9P 913644-13-0P

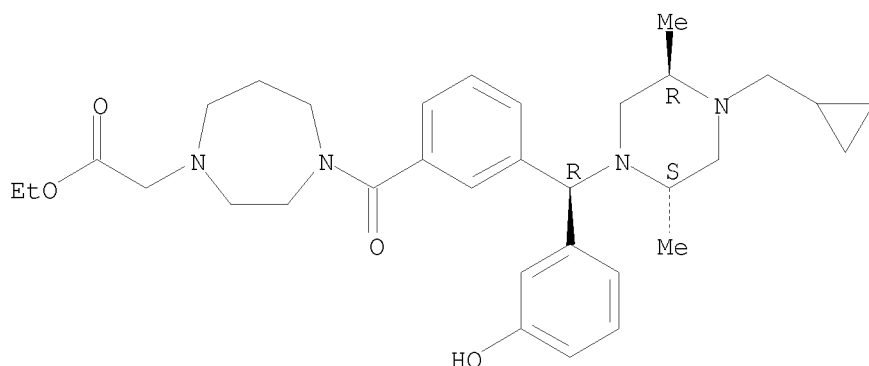
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(drug candidate; preparation of diarylmethylpiperazines as μ - and δ -opioid receptors modulating compds. useful in treatment of diseases)

RN 913643-81-9 CAPLUS

CN 1H-1,4-Diazepine-1-acetic acid, 4-[3-[(R)-[(2S,5R)-4-(cyclopropylmethyl)-2,5-dimethyl-1-piperazinyl](3-hydroxyphenyl)methyl]benzoyl]hexahydro-, ethyl ester (CA INDEX NAME)

Absolute stereochemistry.

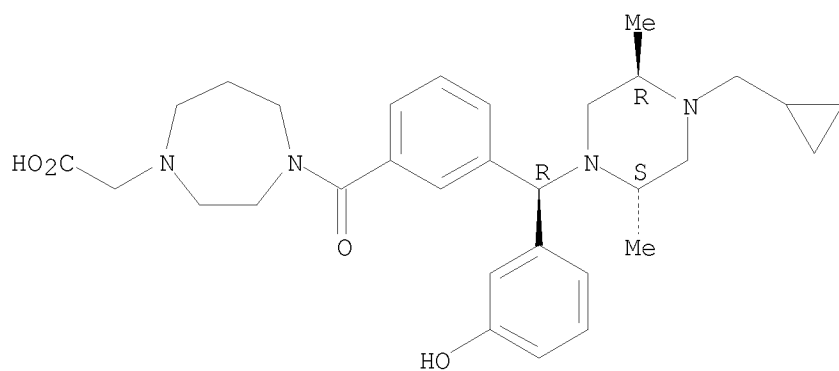


RN 913643-82-0 CAPLUS

CN 1H-1,4-Diazepine-1-acetic acid, 4-[3-[(R)-[(2S,5R)-4-(cyclopropylmethyl)-2,5-dimethyl-1-piperazinyl](3-hydroxyphenyl)methyl]benzoyl]hexahydro- (CA INDEX NAME)

Absolute stereochemistry.

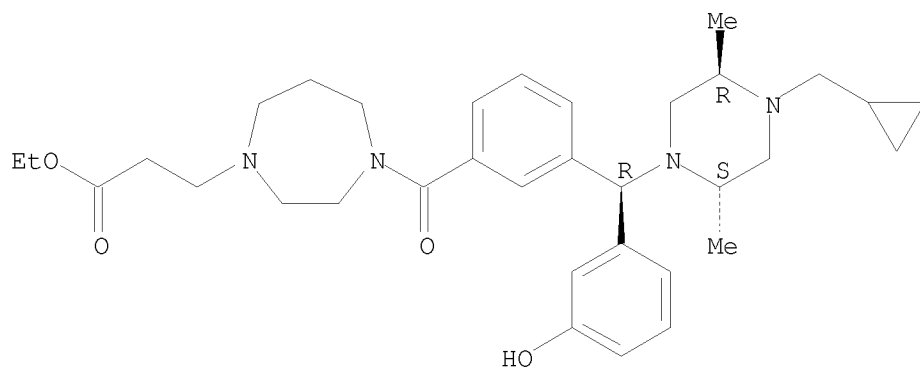
10/576,492



RN 913643-84-2 CAPLUS

CN 1H-1,4-Diazepine-1-propanoic acid,
4-[3-[(R)-[(2S,5R)-4-(cyclopropylmethyl)-2,5-dimethyl-1-piperazinyl]](3-hydroxyphenyl)methyl]benzoyl]hexahydro-, ethyl ester (CA INDEX NAME)

Absolute stereochemistry.

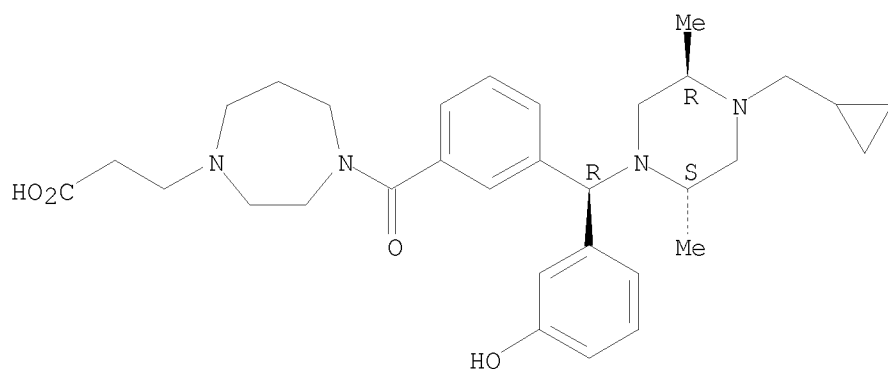


RN 913643-86-4 CAPLUS

CN 1H-1,4-Diazepine-1-propanoic acid,
4-[3-[(R)-[(2S,5R)-4-(cyclopropylmethyl)-2,5-dimethyl-1-piperazinyl]](3-hydroxyphenyl)methyl]benzoyl]hexahydro- (CA INDEX NAME)

Absolute stereochemistry.

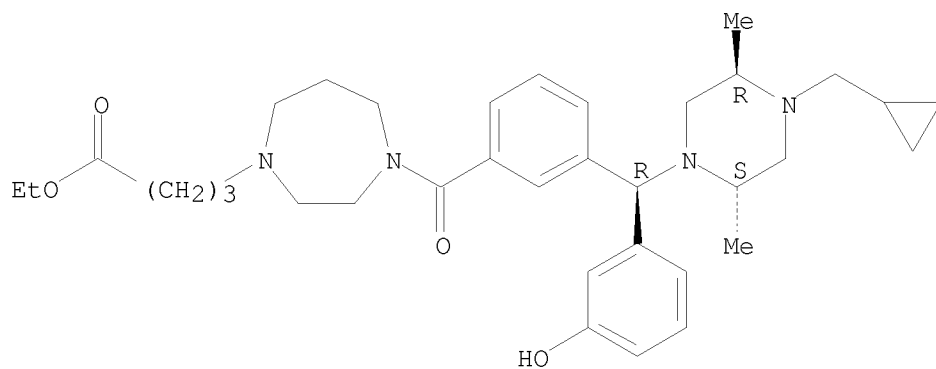
10/576,492



RN 913643-87-5 CAPLUS

CN 1H-1,4-Diazepine-1-butanoic acid, 4-[3-[(R)-[(2S,5R)-4-(cyclopropylmethyl)-2,5-dimethyl-1-piperazinyl](3-hydroxyphenyl)methyl]benzoyl]hexahydro-, ethyl ester (CA INDEX NAME)

Absolute stereochemistry.

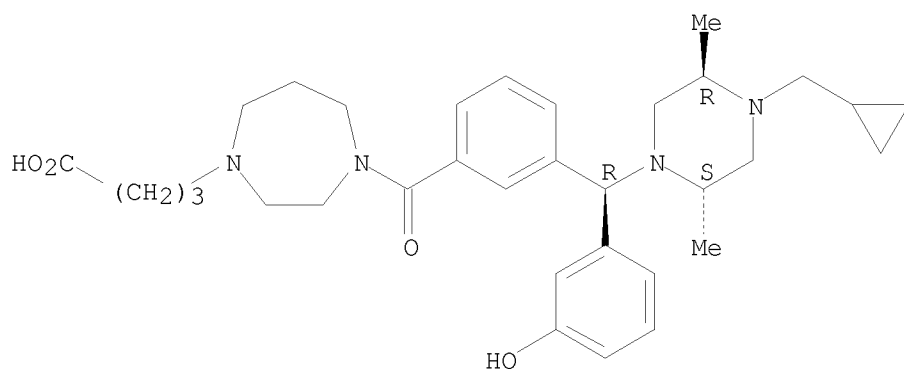


RN 913643-88-6 CAPLUS

CN 1H-1,4-Diazepine-1-butanoic acid, 4-[3-[(R)-[(2S,5R)-4-(cyclopropylmethyl)-2,5-dimethyl-1-piperazinyl](3-hydroxyphenyl)methyl]benzoyl]hexahydro- (CA INDEX NAME)

Absolute stereochemistry.

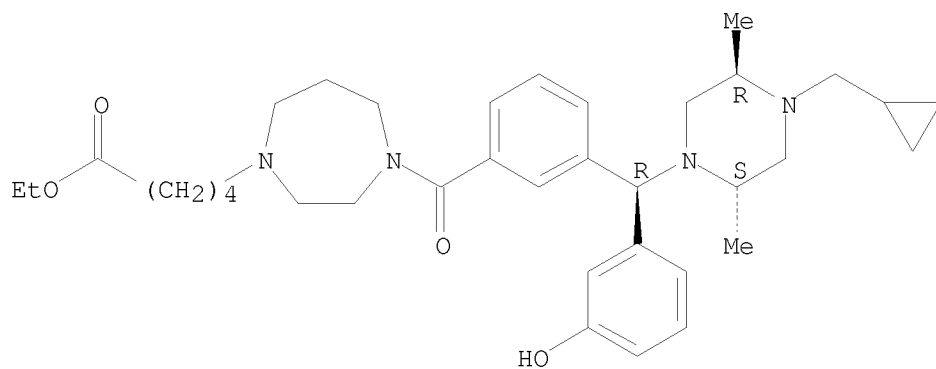
10/576,492



RN 913643-94-4 CAPLUS

CN 1H-1,4-Diazepine-1-pentanoic acid,
4-[3-[(R)-[(2S,5R)-4-(cyclopropylmethyl)-2,5-dimethyl-1-piperazinyl](3-hydroxyphenyl)methyl]benzoyl]hexahydro-, ethyl ester (CA INDEX NAME)

Absolute stereochemistry.

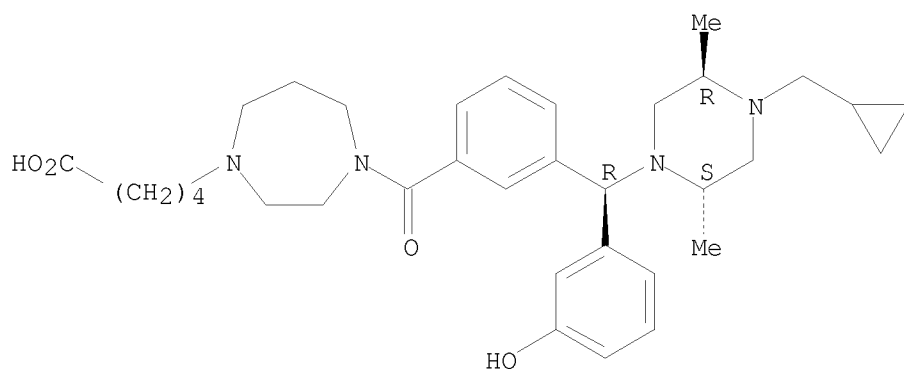


RN 913643-96-6 CAPLUS

CN 1H-1,4-Diazepine-1-pentanoic acid,
4-[3-[(R)-[(2S,5R)-4-(cyclopropylmethyl)-2,5-dimethyl-1-piperazinyl](3-hydroxyphenyl)methyl]benzoyl]hexahydro- (CA INDEX NAME)

Absolute stereochemistry.

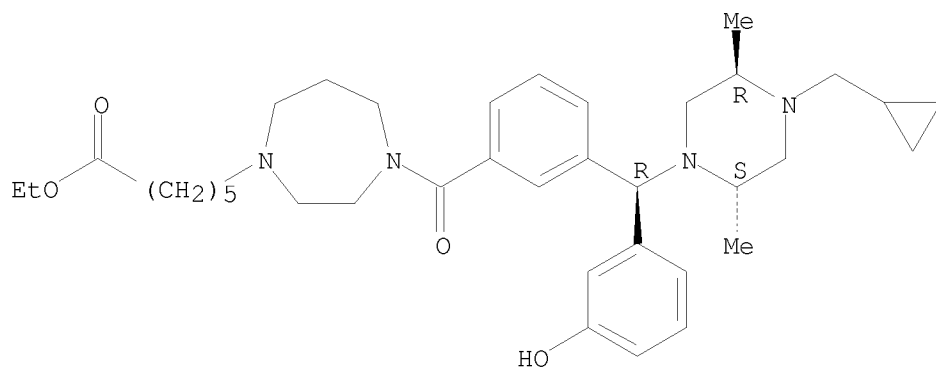
10/576,492



RN 913644-04-9 CAPLUS

CN 1H-1,4-Diazepine-1-hexanoic acid, 4-[3-[(R)-[(2S,5R)-4-(cyclopropylmethyl)-2,5-dimethyl-1-piperazinyl](3-hydroxyphenyl)methyl]benzoyl]hexahydro-, ethyl ester (CA INDEX NAME)

Absolute stereochemistry.

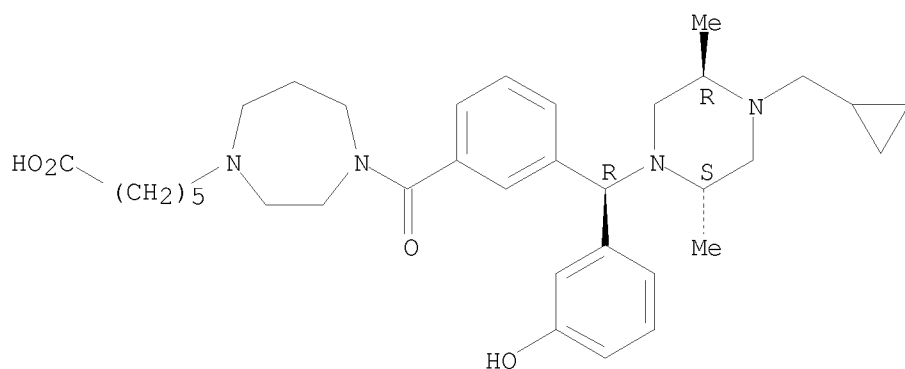


RN 913644-05-0 CAPLUS

CN 1H-1,4-Diazepine-1-hexanoic acid, 4-[3-[(R)-[(2S,5R)-4-(cyclopropylmethyl)-2,5-dimethyl-1-piperazinyl](3-hydroxyphenyl)methyl]benzoyl]hexahydro- (CA INDEX NAME)

Absolute stereochemistry.

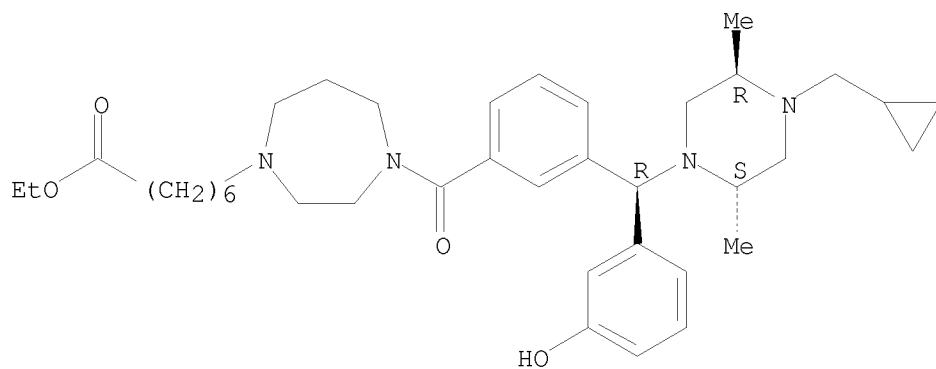
10/576,492



RN 913644-12-9 CAPLUS

CN 1H-1,4-Diazepine-1-heptanoic acid,
4-[3-[(R)-[(2S,5R)-4-(cyclopropylmethyl)-2,5-dimethyl-1-piperazinyl](3-hydroxyphenyl)methyl]benzoyl]hexahydro-, ethyl ester (CA INDEX NAME)

Absolute stereochemistry.

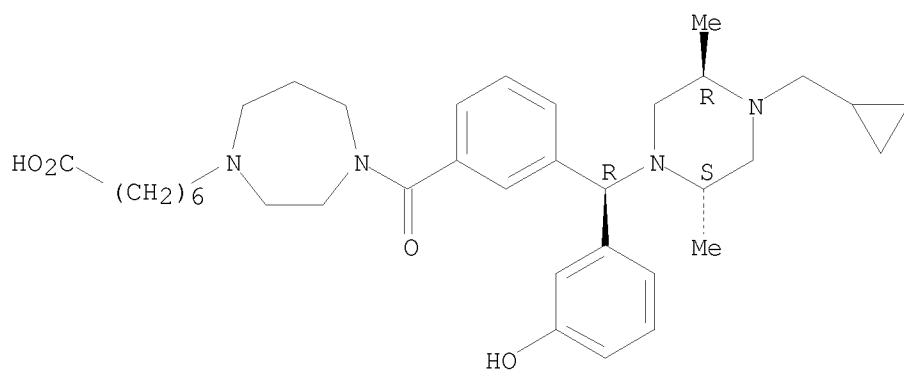


RN 913644-13-0 CAPLUS

CN 1H-1,4-Diazepine-1-heptanoic acid,
4-[3-[(R)-[(2S,5R)-4-(cyclopropylmethyl)-2,5-dimethyl-1-piperazinyl](3-hydroxyphenyl)methyl]benzoyl]hexahydro- (CA INDEX NAME)

Absolute stereochemistry.

10/576,492



OS.CITING REF COUNT:	1	THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)
REFERENCE COUNT:	2	THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 10 OF 16 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2006:606105 CAPLUS

DOCUMENT NUMBER: 145:83375

TITLE: Preparation of pyrazolo[1,5-a]pyrimidine derivatives
as adenosine A2a receptor antagonistsINVENTOR(S): Clasby, Martin C.; Chackalamannil, Samuel; Neustadt,
Bernard R.; Gao, Xiaobang

PATENT ASSIGNEE(S): Schering Corp., USA

SOURCE: U.S. Pat. Appl. Publ., 79 pp.

CODEN: USXXCO

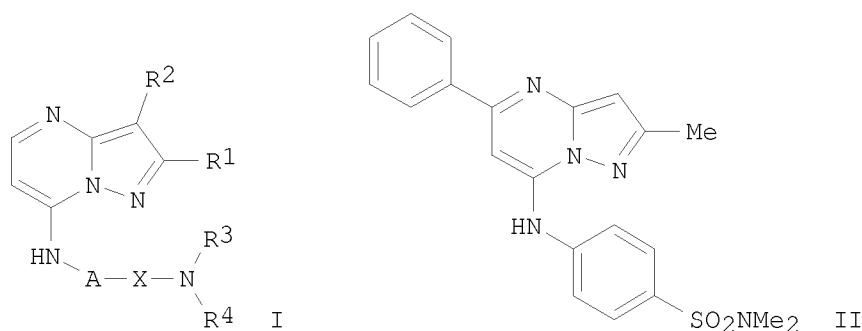
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

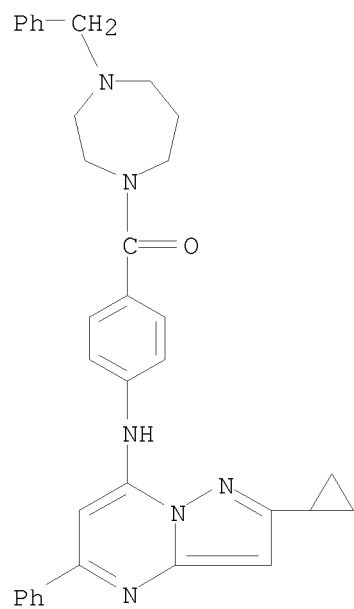
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20060135526	A1	20060622	US 2005-311195	20051219
CA 2591125	A1	20060629	CA 2005-2591125	20051219
WO 2006068954	A2	20060629	WO 2005-US45658	20051219
WO 2006068954	A3	20061207		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
EP 1836205	A2	20070926	EP 2005-854388	20051219
EP 1836205	B1	20090610		
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, YU			
JP 2008524330	T	20080710	JP 2007-548334	20051219
AT 433454	T	20090615	AT 2005-854388	20051219
MX 2007007604	A	20070802	MX 2007-7604	20070621
CN 101119998	A	20080206	CN 2005-80048238	20070820
PRIORITY APPLN. INFO.:			US 2004-638028P	P 20041221
			WO 2005-US45658	W 20051219
OTHER SOURCE(S):	CASREACT 145:83375; MARPAT 145:83375			
GI				



- AB Compds. having the structural formula [I; A = alkylene, (un)substituted arylene, cycloalkylene or heteroaryldiyl; X = CO, SO₂; R₁ = alkyl, cycloalkyl; R₂ = H, halo, cyano; R₃ = H, alkyl; R₄ = H, alkyl, alkoxy, hydroxyalkyl, aminoalkyl-, cycloalkyl, heterocycloalkyl, heterocycloalkyl substituted by alkyl, each (un)substituted arylalkyl or heteroarylalkyl; or R₃ and R₄ form an (un)substituted 5-7 membered ring optionally comprising an addnl. heteroatom ring member; R₇ = alkyl, cycloalkyl, halo, morpholinyl, each (un)substituted Ph or heteroaryl, piperazinyl, or azacycloalkyl] are prepared These compds. are adenosine A_{2a} receptor antagonists and useful in the treatment of central nervous system diseases, stroke, depression, cognitive diseases, neurodegenerative diseases (in particular Parkinson's disease), senile dementia, psychoses, attention deficit disorder, extrapyramidal syndrome, dystonia, restless leg syndrome, periodic limb movement in sleep. They are used alone or in combination with other agents (e.g. L-DOPA) for treating Parkinson's disease. Thus, 90 mg 4-amino-N,N-dimethylbenzenesulfonamide was added to a solution of 100 mg 7-chloro-2-methyl-5-phenylprazolo[1,5-a]pyrimidine in 4 mL DMF followed by adding 92 mg potassium tert-butoxide and the resulting mixture was stirred for 3 h to give 45 mg pyrazolo[1,5-a]pyrimidine derivative (II). The compds. I showed the binding affinity to human adenosine A_{2A} receptor with K_i of .apprx.0.1 to .apprx.1,800 nM.
- IT 893446-40-7P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of pyrazolo[1,5-a]pyrimidine derivs. as adenosine A_{2a} receptor antagonists)
- RN 893446-40-7 CAPLUS
- CN Methanone, [4-[(2-cyclopropyl-5-phenylpyrazolo[1,5-a]pyrimidin-7-yl)amino]phenyl][hexahydro-4-(phenylmethyl)-1H-1,4-diazepin-1-yl]- (CA INDEX NAME)

10/576,492



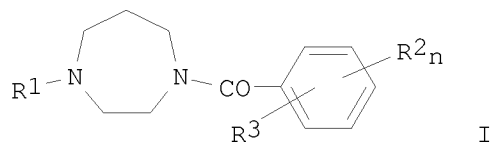
OS.CITING REF COUNT:

1

THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD
(1 CITINGS)

L16 ANSWER 11 OF 16 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2005:395292 CAPLUS
 DOCUMENT NUMBER: 142:430314
 TITLE: Preparation of
 (1H-1,4-diazepan-1-yl)(phenyl)methanones as histamine
 H3 functional antagonists for treating neurological
 disorders
 INVENTOR(S): Bruton, Gordon; Huxley, Anthony; Orlek, Barry Sidney;
 Rana, Kishore Kalidas
 PATENT ASSIGNEE(S): Glaxo Group Limited, UK
 SOURCE: PCT Int. Appl., 37 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005040144	A1	20050506	WO 2004-EP11619	20041014
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
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EP 1675838	A1	20060705	EP 2004-765973	20041014
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, HR				
JP 2007508346	T	20070405	JP 2006-534702	20041014
US 20080045505	A1	20080221	US 2007-576492	20070206
PRIORITY APPLN. INFO.:			GB 2003-24159	A 20031015
			WO 2004-EP11619	W 20041014
OTHER SOURCE(S):			CASREACT 142:430314; MARPAT 142:430314	
GI				



AB The present invention relates to novel diazepanyl derivs. (shown as I; variables defined below; e.g. 4'-[(4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)carbonyl]-4-biphenylcarbonitrile (II)) having pharmacol. activity, processes for their preparation, to compns. containing them and to their use in the treatment of neurol. disorders. For I: R1 = branched C3-6 alkyl, C3-5 cycloalkyl or C1-4 alkylC3-4 cycloalkyl; R2 = halo, C1-6 alkyl, C1-6

alkoxy, cyano, amino or trifluoromethyl; n = 0-2; R3 = X-aryl, X-heteroaryl, X-heterocyclyl, X-arylaryl, X-arylheteroaryl, X-arylheterocyclyl, X-heteroarylaryl, X-heteroarylheteroaryl, X-heteroarylheterocyclyl, X-heterocyclylaryl, X-heterocyclylheteroaryl or X-heterocyclylheterocyclyl; such that when R3 = X-piperidinyl, X-piperidinylaryl, X-piperidinylheteroaryl or X-piperidinylheterocyclyl said piperidinyl group is attached to X via a N atom; wherein R3 is attached to the Ph group of I at the 3 or 4 position; X = a bond, O, CO, SO2, CH2O, OCH2, NR4, NR4CO or C1-6-alkyl. R4 = H or C1-6 alkyl; wherein said aryl, heteroaryl or heterocyclyl groups of R3 may be (un)substituted by ≥ 1 (e.g. 1, 2 or 3) halo, hydroxy, cyano, nitro, oxo, haloC1-6 alkyl, haloC1-6 alkoxy, C1-6 alkyl, C1-6 alkoxy, arylC1-6 alkoxy, C1-6 alkylthio, C1-6 alkoxyC1-6 alkyl, C3-7 cycloalkylC1-6 alkoxy, C3-7 cycloalkylcarbonyl, -COC1-6 alkyl, C1-6 alkoxy carbonyl, arylC1-6 alkyl, heteroarylC1-6-alkyl, heterocyclylC1-6 alkyl, C1-6 alkylsulfonyl, C1-6 alkylsulfinyl, C1-6 alkylsulfonyloxy, C1-6 alkylsulfonylC1-6 alkyl, arylsulfonyl, arylsulfonyloxy, arylsulfonylC1-6 alkyl, aryloxy, CO-aryl, CO-heterocyclyl, CO-heteroaryl, C1-6 alkylsulfonamidoC1-6 alkyl, C1-6 alkylamidoC1-6 alkyl, arylsulfonamido, arylaminosulfonyl, arylsulfonamidoC1-6 alkyl, arylcarboxamidoC1-6 alkyl, aroylC1-6 alkyl, arylC1-6 alkanoyl, NR15R16, NR15CO-aryl, NR15CO-heterocyclyl, NR15CO-heteroaryl, CONR15R16, NR15COR16, NR15SO2R16 or SO2NR15R16 groups, wherein R15 and R16 = independently H or C1-6 alkyl. Although the methods of preparation are not claimed, 58 example preps. and/or characterization data sets for I are included; example preps. for intermediates are also included. For example, II was prepared from 1-(cyclobutyl)hexahydro-1H-1,4-diazepine dihydrochloride and 4'-cyano-4-biphenylcarboxylic acid using diethylaminomethylpolystyrene, HOBT and EDC in CH2Cl2. The diazepine reactant was prepared in 2 steps starting from tert-Bu hexahydro-1H-1,4-diazepine-1-carboxylate and cyclobutanone followed by deprotection at N. The 58 example I were tested in the histamine H3 functional antagonist assay and exhibited pKb values > 8.0. Most particularly, the hydrochlorides of II, 1-[4'-[(4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)carbonyl]biphenyl-4-yl]ethanone, 1-cyclobutyl-4-[[4-[6-(trifluoromethyl)-3-pyridinyl]phenyl]carbonyl]hexahydro-1H-1,4-diazepine, 6-[4-[(4-cyclobutylhexahydro-1H-1,4-diazepan-1-yl)carbonyl]phenyl]-3-cyanopyridine and 1-Cyclobutyl-4-[[4-(3-methyl-1,2,4-oxadiazol-5-yl)phenyl]carbonyl]hexahydro-1H-1,4-diazepine exhibited pKb values >9.5. Most of the 58 example I were tested in the histamine H1 functional antagonist assay and exhibited antagonism < 7.0 pKb; most of these exhibited antagonism < 6.0 pKb.

IT 851048-57-2P, 4'-[(4-Cyclobutylhexahydro-1H-1,4-diazepin-1-yl)carbonyl]-4-biphenylcarbonitrile hydrochloride 851048-58-3P, 1-[4'-[(4-Cyclobutylhexahydro-1H-1,4-diazepin-1-yl)carbonyl]biphenyl-4-yl]ethanone hydrochloride 851048-59-4P, (4-Cyclobutyl-1H-1,4-diazepan-1-yl)(biphenyl-4-yl)methanone hydrochloride 851048-60-7P, (4-Cyclobutyl-1H-1,4-diazepan-1-yl)(4-benzoylphenyl)methanone hydrochloride 851048-61-8P, (4-Cyclobutyl-1H-1,4-diazepan-1-yl)(4-phenoxyphenyl)methanone hydrochloride 851048-62-9P, (4-Cyclobutyl-1H-1,4-diazepan-1-yl)(4-benzyloxyphenyl)methanone hydrochloride 851048-63-0P, 1-Cyclobutyl-4-[[4-(tetrazol-1-yl)phenyl]carbonyl]hexahydro-1H-1,4-diazepine hydrochloride 851048-64-1P, 1-Cyclobutyl-4-[[4-[4-(4-fluorophenyl)-1,3-thiazol-2-yl]phenyl]carbonyl]hexahydro-1H-1,4-diazepine hydrochloride

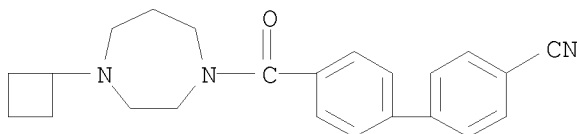
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851048-67-4P, 1-Cyclobutyl-4-[[4-[6-(trifluoromethyl)-3-pyridinyl]phenyl]carbonyl]hexahydro-1H-1,4-diazepine hydrochloride
851048-68-5P, 6-[4-[(4-Cyclobutylhexahydro-1H-1,4-diazepin-1-yl)carbonyl]phenyl]-3-cyanopyridine hydrochloride 851048-69-6P
, 5-[4-[(4-Cyclobutylhexahydro-1H-1,4-diazepin-1-yl)carbonyl]phenyl]-N-methyl-2-pyridinecarboxamide hydrochloride 851048-70-9P,
5-[4-[(4-Cyclobutylhexahydro-1H-1,4-diazepin-1-yl)carbonyl]phenyl]-2-cyanopyridine hydrochloride 851048-78-7P,
1-Cyclobutyl-4-[[4-[6-(trifluoromethyl)-3-pyridazinyl]phenyl]carbonyl]hexahydro-1H-1,4-diazepine hydrochloride
851048-79-8P, 1-Cyclobutyl-4-[[4-[2-(trifluoromethyl)-5-pyrimidinyl]phenyl]carbonyl]hexahydro-1H-1,4-diazepine hydrochloride
851048-80-1P, (4-Cyclobutyl-1H-1,4-diazepan-1-yl)[4-[3-(aminocarbonyl)phenyl]phenyl]methanone hydrochloride
851048-81-2P, (4-Cyclobutyl-1H-1,4-diazepan-1-yl)[4-[4-cyano-3-(trifluoromethyl)-1H-pyrazol-1-yl]phenyl]methanone hydrochloride
851048-82-3P, (4-Cyclobutyl-1H-1,4-diazepan-1-yl)[4-[2-oxo-5-(trifluoromethyl)-1,2-dihydropyridin-1-yl]methyl]phenyl]methanone hydrochloride 851048-84-5P,
(4-Cyclobutyl-1H-1,4-diazepan-1-yl)[4-[(4,6-dimethylpyrimidin-2-yl)(methyl)amino]phenyl]methanone hydrochloride 851048-85-6P,
(4-Cyclobutyl-1H-1,4-diazepan-1-yl)[4-(4-fluorophenyl)phenyl]methanone hydrochloride 851048-86-7P,
(4-Cyclobutyl-1H-1,4-diazepan-1-yl)[4-(3-fluorophenyl)phenyl]methanone hydrochloride 851048-87-8P,
(4-Cyclobutyl-1H-1,4-diazepan-1-yl)[4-(pyridin-2-yl)phenyl]methanone hydrochloride 851048-88-9P,
(4-Cyclobutyl-1H-1,4-diazepan-1-yl)[4-(pyridin-3-yl)phenyl]methanone hydrochloride 851048-89-0P,
(4-Cyclobutyl-1H-1,4-diazepan-1-yl)[4-(4-cyanophenoxy)phenyl]methanone hydrochloride 851048-90-3P,
(4-Cyclobutyl-1H-1,4-diazepan-1-yl)[4-(phenoxy)methyl]phenyl]methanone hydrochloride 851048-91-4P,
(4-Cyclobutyl-1H-1,4-diazepan-1-yl)[4-(3,5-dimethylisoxazol-4-yl)phenyl]methanone hydrochloride 851048-93-6P,
(4-Cyclobutyl-1H-1,4-diazepan-1-yl)[4-(oxazol-5-yl)phenyl]methanone hydrochloride 851048-94-7P,
(4-Cyclobutyl-1H-1,4-diazepan-1-yl)[4-(2-ethyl-2H-tetrazol-5-yl)phenyl]methanone hydrochloride 851048-95-8P,
(4-Cyclobutyl-1H-1,4-diazepan-1-yl)[4-(pyrrol-1-yl)phenyl]methanone hydrochloride 851048-96-9P,
(4-Cyclobutyl-1H-1,4-diazepan-1-yl)[4-(3,5-dimethyl-1H-pyrazol-1-yl)phenyl]methanone hydrochloride 851048-97-0P,
(4-Cyclobutyl-1H-1,4-diazepan-1-yl)[4-[(3,5-dimethyl-1H-pyrazol-1-yl)methyl]phenyl]methanone hydrochloride 851048-98-1P,
(4-Cyclobutyl-1H-1,4-diazepan-1-yl)[4-(morpholin-4-yl)phenyl]methanone hydrochloride 851049-00-8P,
(4-Cyclobutyl-1H-1,4-diazepan-1-yl)[3-(benzyloxy)phenyl]methanone hydrochloride 851049-01-9P,
(4-Cyclobutyl-1H-1,4-diazepan-1-yl)[3-[(pyridin-3-yl)methoxy]phenyl]methanone hydrochloride 851049-02-0P,
(4-Cyclobutyl-1H-1,4-diazepan-1-yl)[3-[(pyrazin-2-yl)methoxy]phenyl]methanone hydrochloride 851049-03-1P,
(4-Cyclobutyl-1H-1,4-diazepan-1-yl)[3-(5-methyl-1H-tetrazol-1-yl)phenyl]methanone hydrochloride 851049-04-2P,

(4-Cyclobutyl-1H-1,4-diazepan-1-yl)[3-(2-oxopyrrolidin-1-yl)phenyl]methanone hydrochloride 851049-05-3P,
 (4-Cyclobutyl-1H-1,4-diazepan-1-yl)[3-[(pyridin-3-yl)carbonyl]amino]phenyl]methanone hydrochloride 851049-06-4P,
 (4-Cyclobutyl-1H-1,4-diazepan-1-yl)[3-[(pyridin-4-yl)carbonyl]amino]phenyl]methanone hydrochloride 851049-07-5P,
 (4-Cyclobutyl-1H-1,4-diazepan-1-yl)[3-(pyridin-3-yl)phenyl]methanone hydrochloride 851049-08-6P,
 (4-Cyclobutyl-1H-1,4-diazepan-1-yl)[4'-(oxazol-2-yl)biphenyl-4-yl]methanone hydrochloride 851049-09-7P,
 (4-Cyclobutyl-1H-1,4-diazepan-1-yl)[4'-(2-methyloxazol-4-yl)biphenyl-4-yl]methanone hydrochloride 851049-10-0P,
 (4-Cyclobutyl-1H-1,4-diazepan-1-yl)[4'-(2-methyloxazol-5-yl)biphenyl-4-yl]methanone hydrochloride 851049-11-1P,
 (4-Cyclobutyl-1H-1,4-diazepan-1-yl)[4'-(5-methyl-1,2,4-oxadiazol-3-yl)biphenyl-4-yl]methanone hydrochloride 851049-12-2P,
 1-Cyclobutyl-4-[[4-(1,3-oxazol-2-yl)phenyl]carbonyl]hexahydro-1H-1,4-diazepine hydrochloride 851049-19-9P,
 1-Cyclobutyl-4-[[4-(3-methyl-1,2,4-oxadiazol-5-yl)phenyl]carbonyl]hexahydro-1H-1,4-diazepine hydrochloride
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(drug candidate; preparation of (1H-1,4-diazepan-1-yl)(phenyl)methanones as histamine H3 functional antagonists for treating neurol. disorders)

RN 851048-57-2 CAPLUS

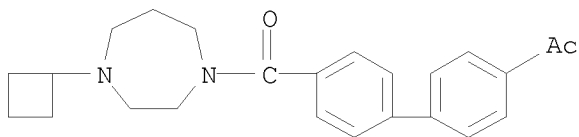
CN [1,1'-Biphenyl]-4-carbonitrile, 4'-[(4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)carbonyl]-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

RN 851048-58-3 CAPLUS

CN 1H-1,4-Diazepine, 1-[(4'-acetyl[1,1'-biphenyl]-4-yl)carbonyl]-4-cyclobutylhexahydro-, monohydrochloride (9CI) (CA INDEX NAME)

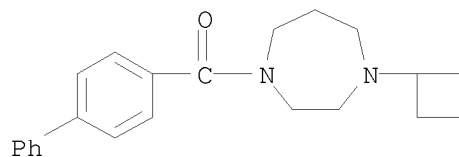


● HCl

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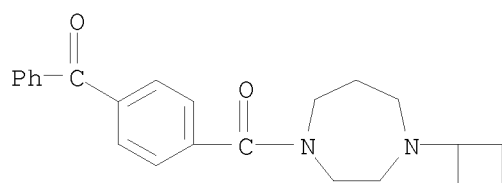
RN 851048-59-4 CAPLUS

CN Methanone, [1,1'-biphenyl]-4-yl(4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)-, hydrochloride (1:1) (CA INDEX NAME)



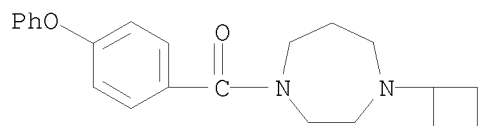
RN 851048-60-7 CAPLUS

CN INDEX NAME NOT YET ASSIGNED



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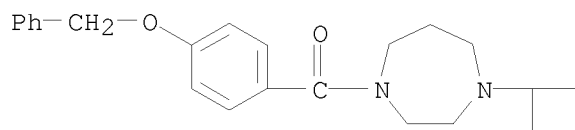
CN Methanone, (4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)(4-phenoxyphenyl)-, hydrochloride (1:1) (CA INDEX NAME)



RN 851048-62-9 CAPLUS

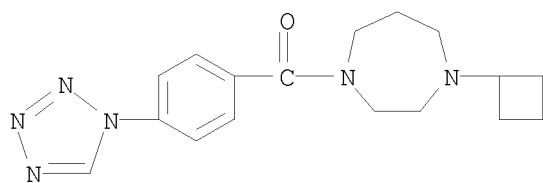
CN Methanone, (4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)[4-(phenylmethoxy)phenyl]-, hydrochloride (1:1) (CA INDEX NAME)

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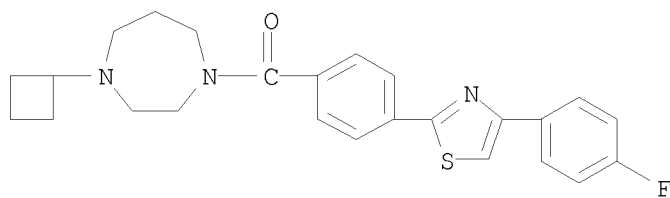
● HCl

RN 851048-63-0 CAPLUS
CN Methanone, (4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl) [4-(1H-tetrazol-1-yl)phenyl]-, hydrochloride (1:?) (CA INDEX NAME)



●_x HCl

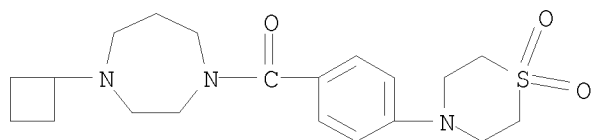
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CN Methanone, (4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl) [4-[4-(4-fluorophenyl)-2-thiazolyl]phenyl]-, hydrochloride (1:?) (CA INDEX NAME)



●_x HCl

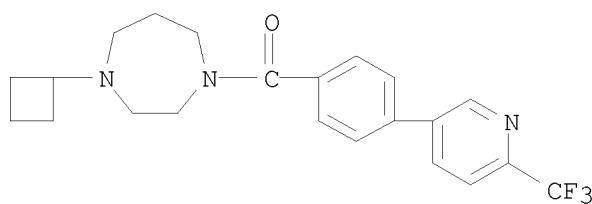
RN 851048-65-2 CAPLUS
CN Methanone, (4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl) [4-(1,1-dioxido-4-thiomorpholinyl)phenyl]-, hydrochloride (1:?) (CA INDEX NAME)

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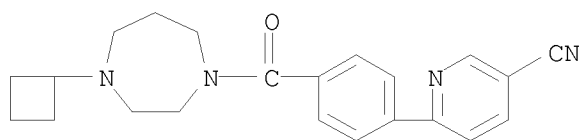
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RN 851048-67-4 CAPLUS
CN Methanone, (4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)[4-[6-(trifluoromethyl)-3-pyridinyl]phenyl]-, hydrochloride (1:?) (CA INDEX NAME)



●x HCl

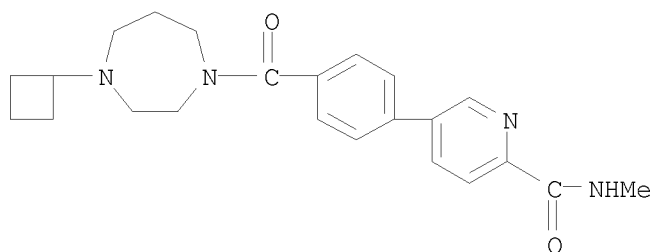
RN 851048-68-5 CAPLUS
CN 3-Pyridinecarbonitrile, 6-[4-[(4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)carbonyl]phenyl]-, hydrochloride (1:?) (CA INDEX NAME)



●x HCl

RN 851048-69-6 CAPLUS
CN 2-Pyridinecarboxamide, 5-[4-[(4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)carbonyl]phenyl]-N-methyl-, hydrochloride (1:?) (CA INDEX NAME)

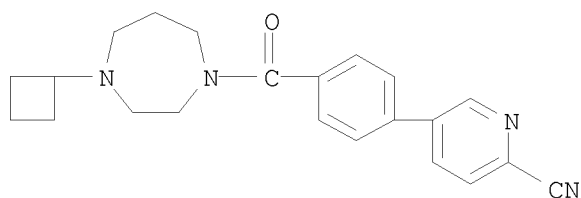
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●x HCl

RN 851048-70-9 CAPLUS

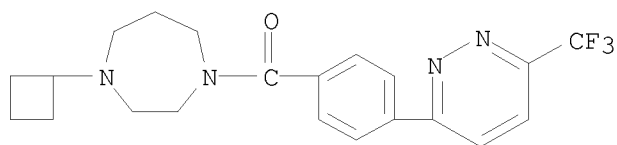
CN 2-Pyridinecarbonitrile, 5-[4-[(4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)carbonyl]phenyl]-, hydrochloride (1:?) (CA INDEX NAME)



●x HCl

RN 851048-78-7 CAPLUS

CN Methanone, (4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)[4-[6-(trifluoromethyl)-3-pyridazinyl]phenyl]-, hydrochloride (1:?) (CA INDEX NAME)

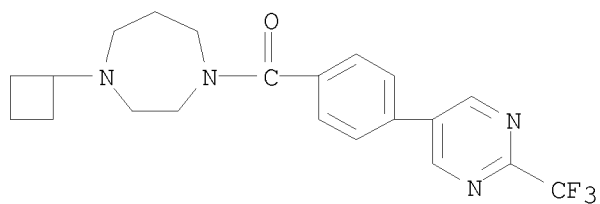


●x HCl

RN 851048-79-8 CAPLUS

CN Methanone, (4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)[4-[2-(trifluoromethyl)-5-pyrimidinyl]phenyl]-, hydrochloride (1:?) (CA INDEX NAME)

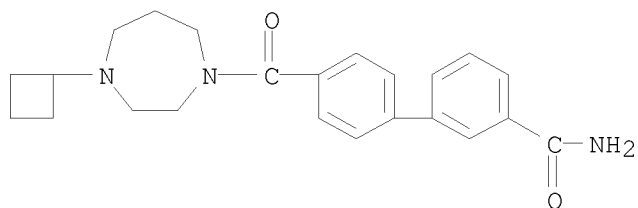
10/576,492



●x HCl

RN 851048-80-1 CAPLUS

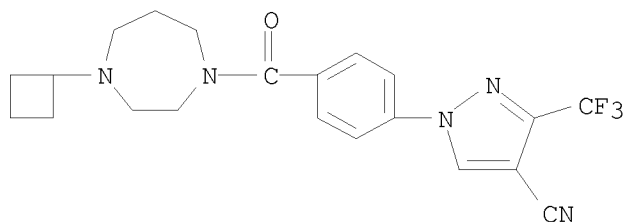
CN [1,1'-Biphenyl]-3-carboxamide, 4'-[(4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)carbonyl]-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

RN 851048-81-2 CAPLUS

CN 1H-Pyrazole-4-carbonitrile, 1-[4-[(4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)carbonyl]phenyl]-3-(trifluoromethyl)-, hydrochloride (1:?) (CA INDEX NAME)

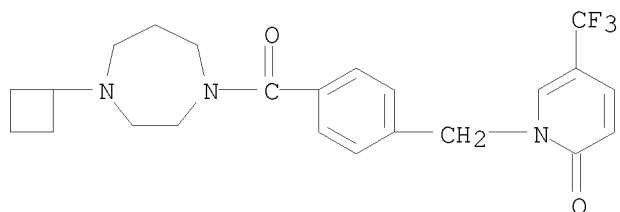


●x HCl

RN 851048-82-3 CAPLUS

CN 2(1H)-Pyridinone, 1-[[4-[(4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)carbonyl]phenyl)methyl]-5-(trifluoromethyl)-, hydrochloride (1:1) (CA INDEX NAME)

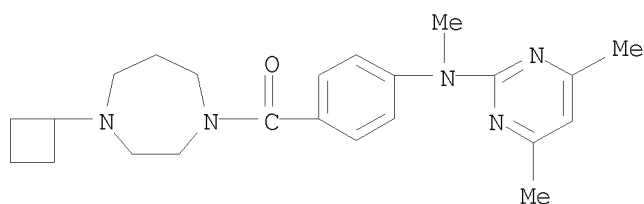
10/576,492



● HCl

RN 851048-84-5 CAPLUS

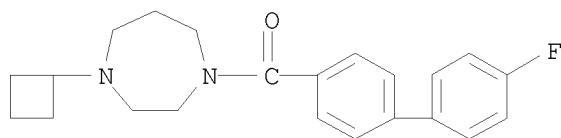
CN Methanone, (4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl) [4-[(4,6-dimethyl-2-pyrimidinyl)methylamino]phenyl]-, hydrochloride (1:?) (CA INDEX NAME)



●x HCl

RN 851048-85-6 CAPLUS

CN Methanone, (4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl) (4'-fluoro[1,1'-biphenyl]-4-yl)-, hydrochloride (1:1) (CA INDEX NAME)

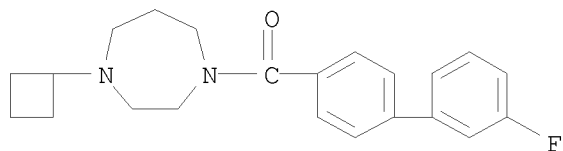


● HCl

RN 851048-86-7 CAPLUS

CN Methanone, (4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl) (3'-fluoro[1,1'-biphenyl]-4-yl)-, hydrochloride (1:1) (CA INDEX NAME)

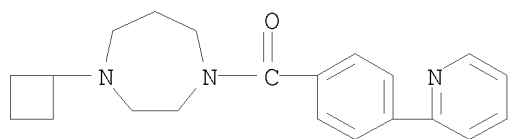
10/576,492



● HCl

RN 851048-87-8 CAPLUS

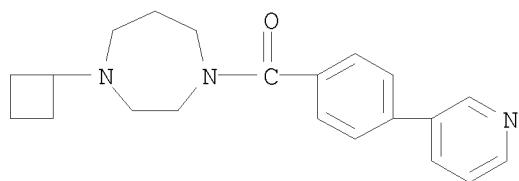
CN Methanone, (4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)[4-(2-pyridinyl)phenyl]-, hydrochloride (1:?) (CA INDEX NAME)



●x HCl

RN 851048-88-9 CAPLUS

CN Methanone, (4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)[4-(3-pyridinyl)phenyl]-, hydrochloride (1:?) (CA INDEX NAME)

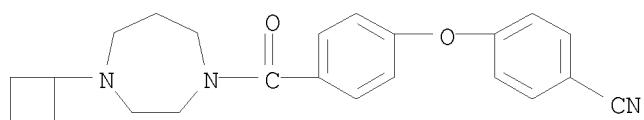


●x HCl

RN 851048-89-0 CAPLUS

CN Benzonitrile, 4-[4-[(4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)carbonyl]phenoxy]-, hydrochloride (1:1) (CA INDEX NAME)

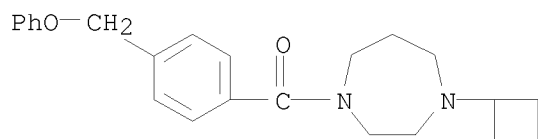
10/576,492



● HCl

RN 851048-90-3 CAPLUS

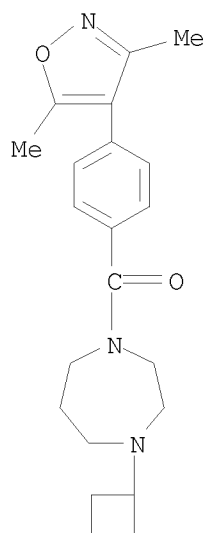
CN Methanone, (4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)[4-(phenoxy)methyl]phenyl]-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

RN 851048-91-4 CAPLUS

CN Methanone, (4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)[4-(3,5-dimethyl-4-isoxazolyl)phenyl]-, hydrochloride (1:?) (CA INDEX NAME)

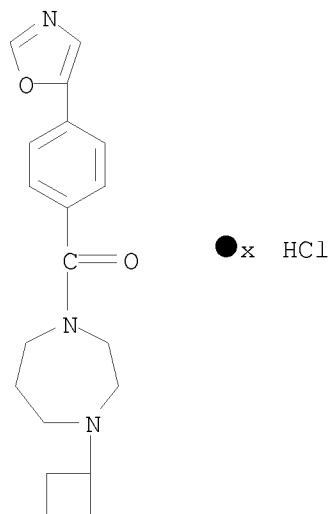


●_x HCl

RN 851048-93-6 CAPLUS

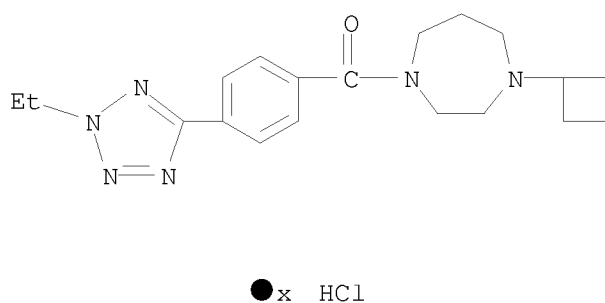
CN Methanone, (4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)[4-(5-oxazolyl)phenyl]-, hydrochloride (1:?) (CA INDEX NAME)

10/576,492



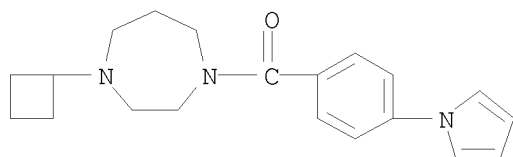
RN 851048-94-7 CAPLUS

CN Methanone, (4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)[4-(2-ethyl-2H-tetrazol-5-yl)phenyl]-, hydrochloride (1:?) (CA INDEX NAME)



RN 851048-95-8 CAPLUS

CN Methanone, (4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)[4-(1H-pyrrol-1-yl)phenyl]-, hydrochloride (1:1) (CA INDEX NAME)

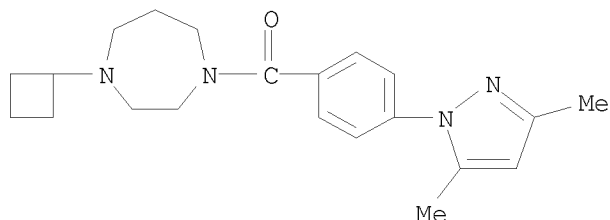


● HCl

10/576,492

RN 851048-96-9 CAPLUS

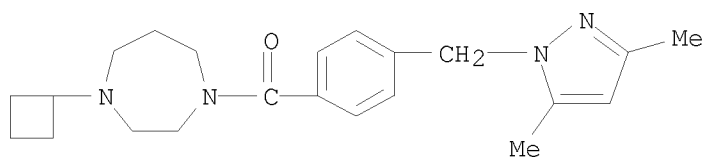
CN Methanone, (4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)[4-(3,5-dimethyl-1H-pyrazol-1-yl)phenyl]-, hydrochloride (1:?) (CA INDEX NAME)



●x HCl

RN 851048-97-0 CAPLUS

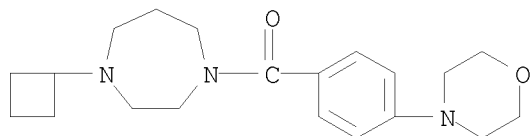
CN Methanone, (4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)[4-[(3,5-dimethyl-1H-pyrazol-1-yl)methyl]phenyl]-, hydrochloride (1:?) (CA INDEX NAME)



●x HCl

RN 851048-98-1 CAPLUS

CN Methanone, (4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)[4-(4-morpholinyl)phenyl]-, hydrochloride (1:?) (CA INDEX NAME)

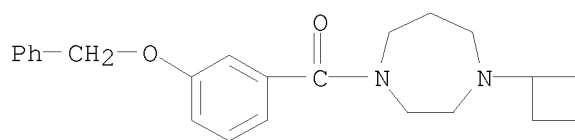


●x HCl

RN 851049-00-8 CAPLUS

CN Methanone, (4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)[3-(phenylmethoxy)phenyl]-, hydrochloride (1:1) (CA INDEX NAME)

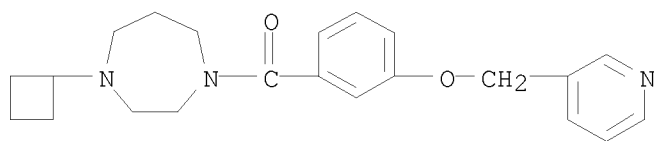
10/576,492



● HCl

RN 851049-01-9 CAPLUS

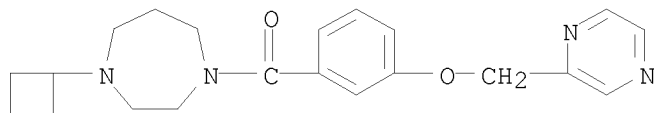
CN Methanone, (4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)[3-(3-pyridinylmethoxy)phenyl]-, hydrochloride (1:?) (CA INDEX NAME)



●x HCl

RN 851049-02-0 CAPLUS

CN Methanone, (4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)[3-(2-pyrazinylmethoxy)phenyl]-, hydrochloride (1:?) (CA INDEX NAME)

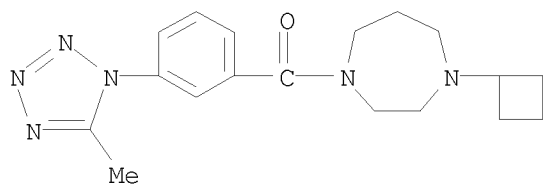


●x HCl

RN 851049-03-1 CAPLUS

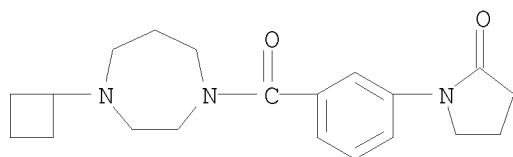
CN Methanone, (4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)[3-(5-methyl-1H-tetrazol-1-yl)phenyl]-, hydrochloride (1:?) (CA INDEX NAME)

10/576,492



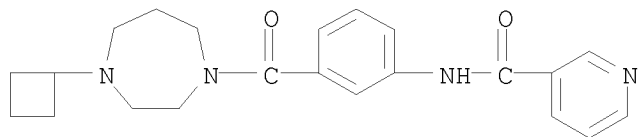
●x HCl

RN 851049-04-2 CAPLUS
CN 2-Pyrrolidinone, 1-[3-[(4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)carbonyl]phenyl]-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

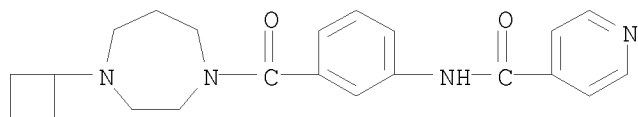
RN 851049-05-3 CAPLUS
CN 3-Pyridinecarboxamide, N-[3-[(4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)carbonyl]phenyl]-, hydrochloride (1:?) (CA INDEX NAME)



●x HCl

RN 851049-06-4 CAPLUS
CN 4-Pyridinecarboxamide, N-[3-[(4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)carbonyl]phenyl]-, hydrochloride (1:?) (CA INDEX NAME)

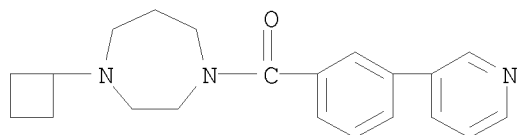
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●x HCl

RN 851049-07-5 CAPLUS

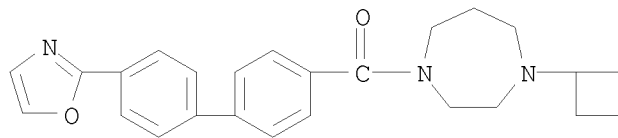
CN Methanone, (4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)[3-(3-pyridinyl)phenyl]-, hydrochloride (1:?) (CA INDEX NAME)



●x HCl

RN 851049-08-6 CAPLUS

CN Methanone, (4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)[4'-(2-oxazolyl)[1,1'-biphenyl]-4-yl]-, hydrochloride (1:?) (CA INDEX NAME)

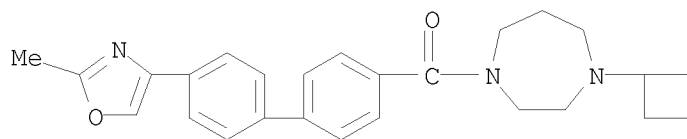


●x HCl

RN 851049-09-7 CAPLUS

CN Methanone, (4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)[4'-(2-methyl-4-oxazolyl)[1,1'-biphenyl]-4-yl]-, hydrochloride (1:?) (CA INDEX NAME)

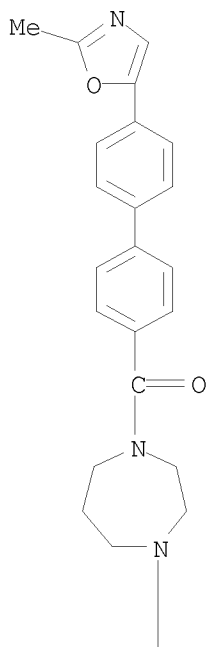
10/576,492



● x HCl

RN 851049-10-0 CAPLUS
CN Methanone, (4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)[4'-(2-methyl-5-oxazolyl)[1,1'-biphenyl]-4-yl]-, hydrochloride (1:?) (CA INDEX NAME)

PAGE 1-A



PAGE 2-A

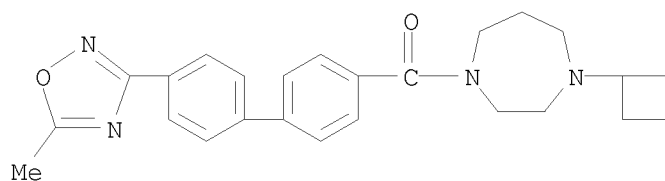


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RN 851049-11-1 CAPLUS

10/576,492

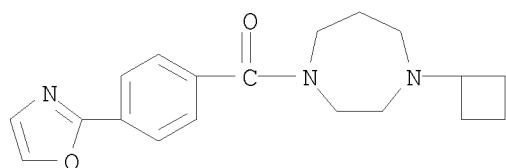
CN Methanone, (4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl) [4'-(5-methyl-1,2,4-oxadiazol-3-yl) [1,1'-biphenyl]-4-yl]-, hydrochloride (1:?) (CA INDEX NAME)



●x HCl

RN 851049-12-2 CAPLUS

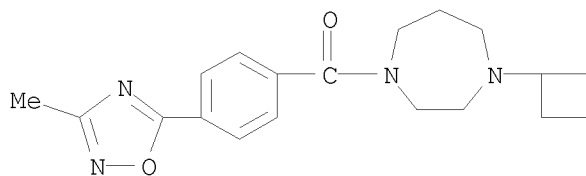
CN Methanone, (4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl) [4-(2-oxazolyl)phenyl]-, hydrochloride (1:?) (CA INDEX NAME)



●x HCl

RN 851049-19-9 CAPLUS

CN Methanone, (4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl) [4-(3-methyl-1,2,4-oxadiazol-5-yl)phenyl]-, hydrochloride (1:?) (CA INDEX NAME)



●x HCl

IT 851048-52-7P, 1-Cyclobutyl-4-[[4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)phenyl]carbonyl]hexahydro-1H-1,4-diazepine

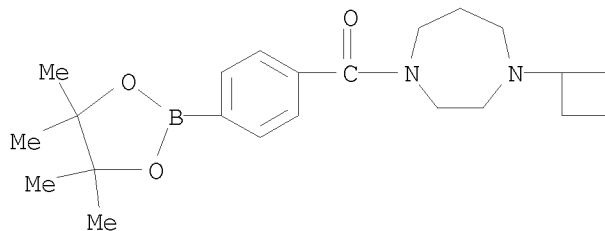
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of (1H-1,4-diazepan-1-yl) (phenyl)methanones as histamine H3 functional antagonists for treating neurol. disorders)

10/576,492

RN 851048-52-7 CAPLUS

CN Methanone, (4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)[4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)phenyl]- (CA INDEX NAME)



OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 12 OF 16 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:238692 CAPLUS

DOCUMENT NUMBER: 142:316849

TITLE: Preparation of phthalazinones as PARP inhibitors

INVENTOR(S): Martin, Niall Morrison Barr; Smith, Graeme Cameron;
Jackson, Stephen Philip; Loh, Vincent M., Jr.;
Cockcroft, Xiao-Ling Fan; Matthews, Ian Timothy
Williams; Menear, Keith Allan; Kerrigan, Frank;
Ashworth, Alan

PATENT ASSIGNEE(S): Kudos Pharmaceuticals Limited, UK; Maybridge Limited

SOURCE: U.S. Pat. Appl. Publ., 67 pp., Cont.-in-part of U.S.
Ser. No. 799,154.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

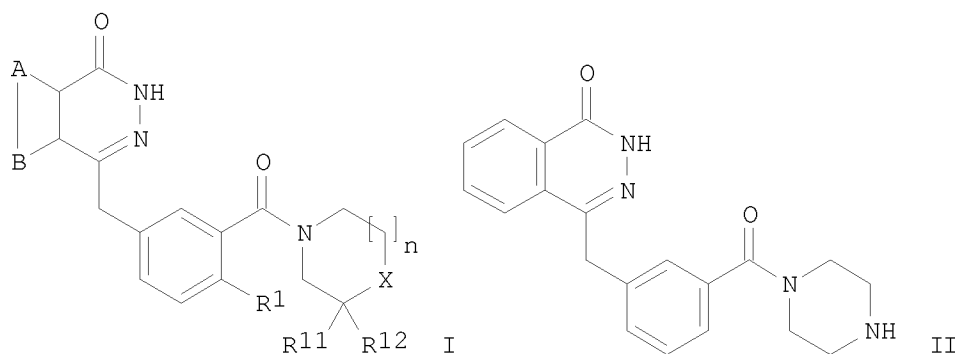
FAMILY ACC. NUM. COUNT: 4

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20050059663	A1	20050317	US 2004-876080	20040624
US 7449464	B2	20081111		
ZA 2005007097	A	20060628	ZA 2005-7097	20050905
US 20060149059	A1	20060706	US 2005-318155	20051223
ZA 2006005340	A	20071227	ZA 2006-5340	20060628
JP 2008001718	A	20080110	JP 2007-226723	20070831
JP 4268651	B2	20090527		
US 20080200469	A1	20080821	US 2008-109260	20080424
JP 2009079056	A	20090416	JP 2008-260806	20081007
PRIORITY APPLN. INFO.:			GB 2003-5681	A 20030312
			US 2003-454995P	P 20030314
			US 2003-493399P	P 20030806
			US 2003-526244P	P 20031201
			US 2004-799154	A2 20040312
			JP 2006-505955	A3 20040312
			US 2004-876080	A3 20040624
			JP 2007-226723	A3 20070831

OTHER SOURCE(S): CASREACT 142:316849; MARPAT 142:316849

GI



AB The title compds. [I; A and B together represent (un)substituted fused aromatic ring; X = NR_x or CR_xR_y; if X = NR_x then n = 1 or 2 and if X = CR_xR_y then n = 1; R_x = H, (un)substituted C1-20 alkyl, C5-20 aryl, C3-20 heterocyclyl, amido, thioamido, ester, acyl, and sulfonyl groups; R_y = H, OH, NH₂; or R_x and R_y may together form a spiro(C3-7)cycloalkyl or heterocyclyl group; R11 and R12 are both H, or when X = CR_xR_y, R11, R12, R_x and R_y, together with the carbon atoms to which they are attached, may form (un)substituted fused aromatic ring; R1 = H, halo], were prepared Thus, reacting 3-(4-oxo-3,4-dihydrophthalazin-1-ylmethyl)benzoic acid (preparation given) with tert-Bu 1-piperazinecarboxylate afforded 77% II which had IC50 of < 0.02 μM against PARP. All compds. I tested had a IC50 of < 0.1 μM in the PARP assay. The pharmaceutical composition comprising the compound I is claimed.

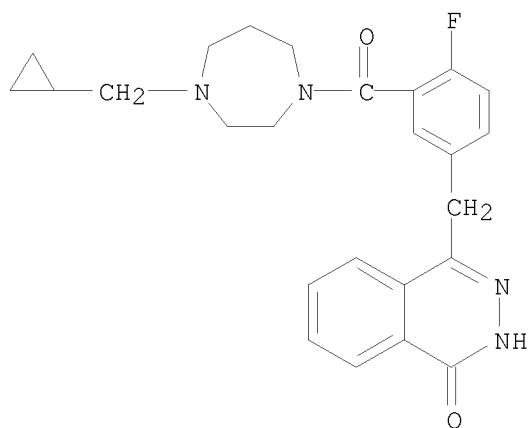
IT 848136-26-5P 848136-28-7P 848136-48-1P
848136-50-5P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of phthalazinones as PARP inhibitors for use in the treatment of cancer which is deficient in HR dependent DNA DSB repair pathway)

RN 848136-26-5 CAPLUS

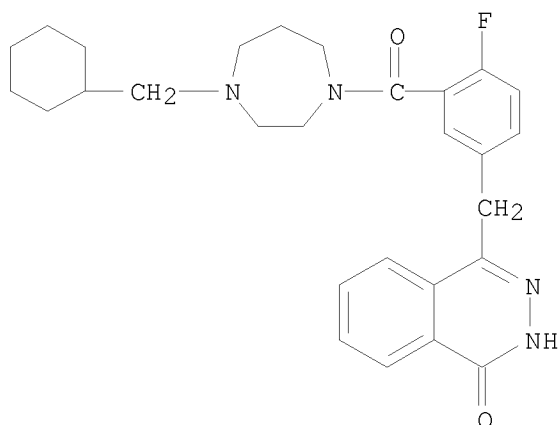
CN 1(2H)-Phthalazinone, 4-[[3-[[4-(cyclopropylmethyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]-4-fluorophenyl]methyl]- (CA INDEX NAME)



RN 848136-28-7 CAPLUS

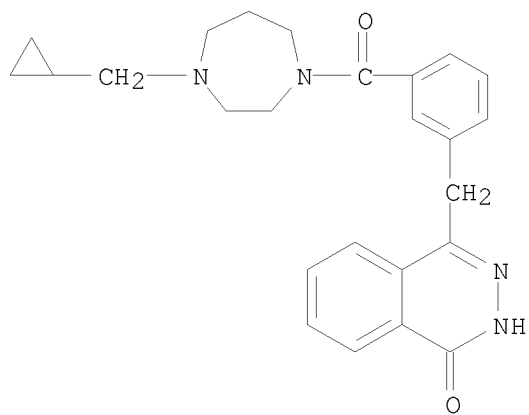
CN 1(2H)-Phthalazinone, 4-[[3-[[4-(cyclohexylmethyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]-4-fluorophenyl]methyl]- (CA INDEX NAME)

10/576,492



RN 848136-48-1 CAPLUS

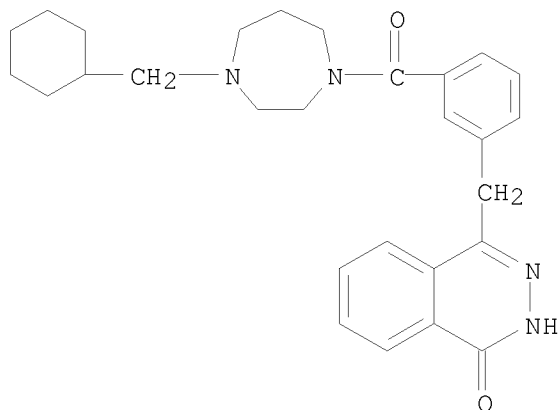
CN 1(2H)-Phthalazinone, 4-[[3-[[4-(cyclopropylmethyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]phenyl]methyl]- (CA INDEX NAME)



RN 848136-50-5 CAPLUS

CN 1(2H)-Phthalazinone, 4-[[3-[[4-(cyclohexylmethyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]phenyl]methyl]- (CA INDEX NAME)

10/576,492



OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD
(4 CITINGS)
REFERENCE COUNT: 261 THERE ARE 261 CITED REFERENCES AVAILABLE FOR
THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L16 ANSWER 13 OF 16 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:718640 CAPLUS

DOCUMENT NUMBER: 141:243574

TITLE: Preparation of substituted naphthalenesulfonamides as CCR8 antagonists

INVENTOR(S): Jin, Jian; Kerns, Jeffrey K.; Shi, Dongchuan; Wang, Feng; Wang, Yonghui

PATENT ASSIGNEE(S): SmithKline Beecham Corporation, USA

SOURCE: PCT Int. Appl., 27 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

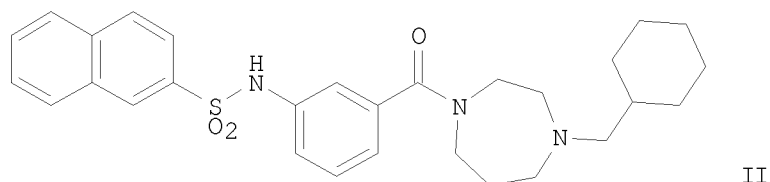
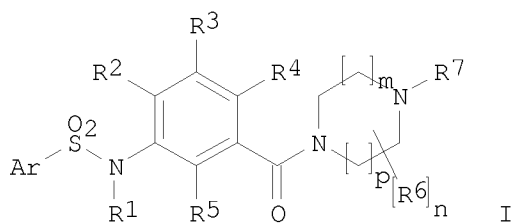
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074438	A2	20040902	WO 2004-US4394	20040213
WO 2004074438	A3	20050224		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.: US 2003-447450P P 20030214

OTHER SOURCE(S): MARPAT 141:243574

GI



AB The title compds. [I; n = 0-6; m = 1-4; p = 1-4; Ar = (un)substituted 2-naphthyl, benzo[1,3]dioxolyl, quinolinyl, etc.; R₁, R₆ = H, alkyl,

cycloalkylalkyl, phenylalkyl; R2-R5 = H, alkyl, alkoxy, halo, etc.; R7 = H, alkyl, cycloalkylalkyl, phenylalkyl], useful for inhibiting the chemokine receptor nominated CCR8 (no data given), were prepared E.g., a multi-step synthesis of the sulfonamide II, starting from Et 3-aminobenzoate and using DMHB resin as solid support, was given. The pharmaceutical composition comprising the compound I is claimed.

IT 749866-39-5P 749866-43-1P 749866-86-2P
 749866-87-3P 749866-88-4P 749866-89-5P
 749866-90-8P 749866-91-9P 749866-92-0P
 749866-93-1P 749866-99-7P 749867-00-3P
 749867-05-8P 749867-07-0P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of substituted naphthalenesulfonamides as CCR8 antagonists for treating respiratory condition)

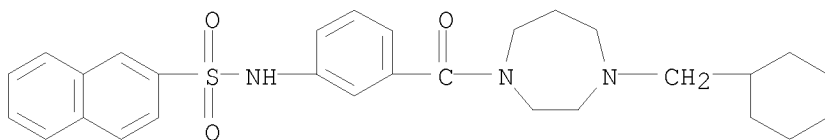
RN 749866-39-5 CAPLUS

CN 2-Naphthalenesulfonamide, N-[3-[[4-(cyclohexylmethyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]phenyl]-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 749866-38-4

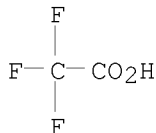
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CM 2

CRN 76-05-1

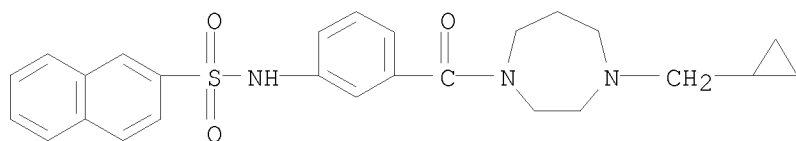
CMF C2 H F3 O2



RN 749866-43-1 CAPLUS

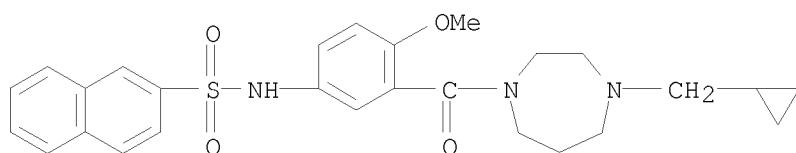
CN 2-Naphthalenesulfonamide, N-[3-[[4-(cyclopropylmethyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]phenyl]- (CA INDEX NAME)

10/576,492



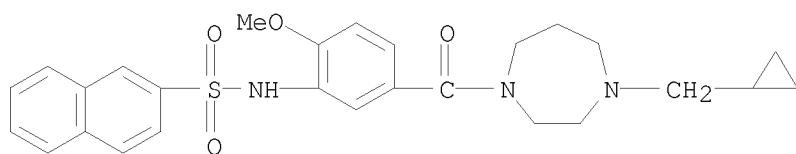
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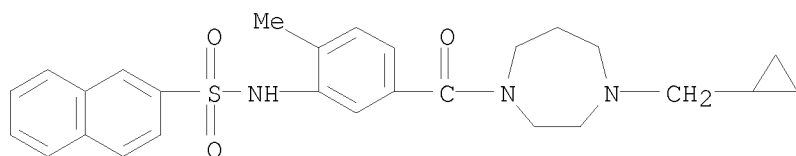
RN 749866-87-3 CAPLUS

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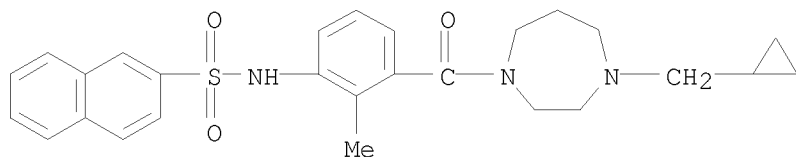
RN 749866-88-4 CAPLUS

CN 2-Naphthalenesulfonamide, N-[5-[[4-(cyclopropylmethyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]-2-methylphenyl]- (CA INDEX NAME)



RN 749866-89-5 CAPLUS

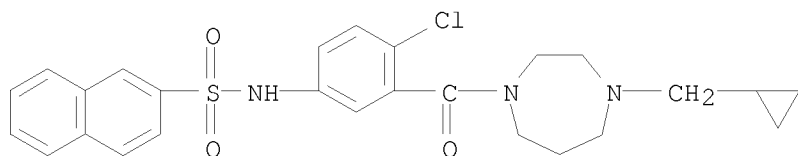
CN 2-Naphthalenesulfonamide, N-[3-[[4-(cyclopropylmethyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]-2-methylphenyl]- (CA INDEX NAME)



10/576,492

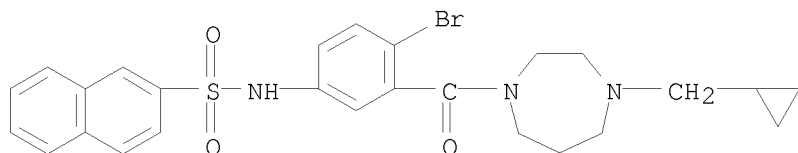
RN 749866-90-8 CAPLUS

CN 2-Naphthalenesulfonamide, N-[4-chloro-3-[[4-(cyclopropylmethyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]phenyl]- (CA INDEX NAME)



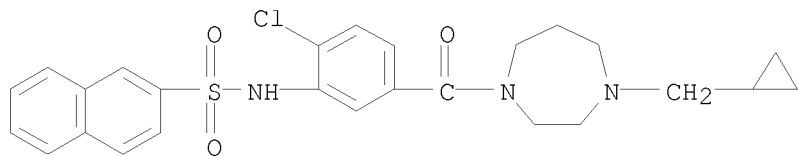
RN 749866-91-9 CAPLUS

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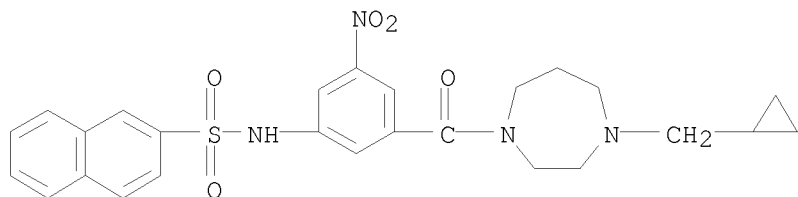
RN 749866-92-0 CAPLUS

CN 2-Naphthalenesulfonamide, N-[2-chloro-5-[[4-(cyclopropylmethyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]phenyl]- (CA INDEX NAME)



RN 749866-93-1 CAPLUS

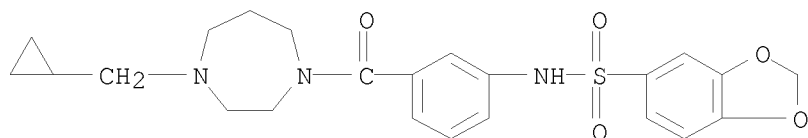
CN 2-Naphthalenesulfonamide, N-[3-[[4-(cyclopropylmethyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]-5-nitrophenyl]- (CA INDEX NAME)



RN 749866-99-7 CAPLUS

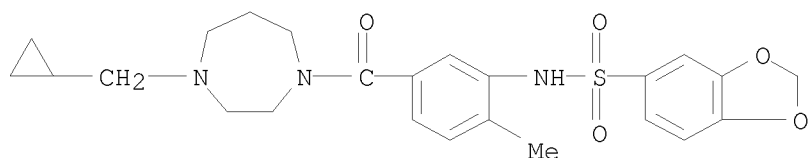
CN 1,3-Benzodioxole-5-sulfonamide, N-[3-[[4-(cyclopropylmethyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]phenyl]- (CA INDEX NAME)

10/576,492



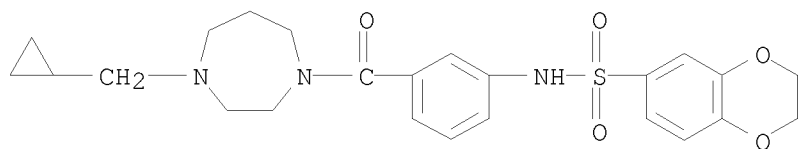
RN 749867-00-3 CAPLUS

CN 1,3-Benzodioxole-5-sulfonamide, N-[5-[[4-(cyclopropylmethyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]-2-methylphenyl]- (CA INDEX NAME)



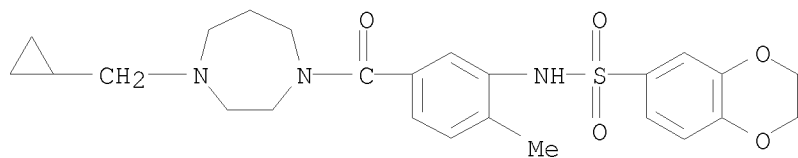
RN 749867-05-8 CAPLUS

CN 1,4-Benzodioxin-6-sulfonamide, N-[3-[[4-(cyclopropylmethyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]phenyl]-2,3-dihydro- (CA INDEX NAME)



RN 749867-07-0 CAPLUS

CN 1,4-Benzodioxin-6-sulfonamide, N-[5-[[4-(cyclopropylmethyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]-2-methylphenyl]-2,3-dihydro- (CA INDEX NAME)



OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 14 OF 16 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:718298 CAPLUS

DOCUMENT NUMBER: 141:243573

TITLE: Preparation of substituted benzenesulfonamides as CCR8 antagonists

INVENTOR(S): Jin, Jian; Kerns, Jeffrey K.; Wang, Feng; Wang, Yonghui

PATENT ASSIGNEE(S): SmithKline Beecham Corporation, USA

SOURCE: PCT Int. Appl., 32 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

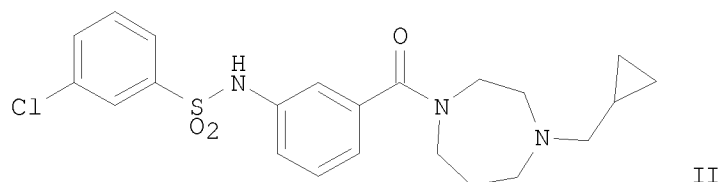
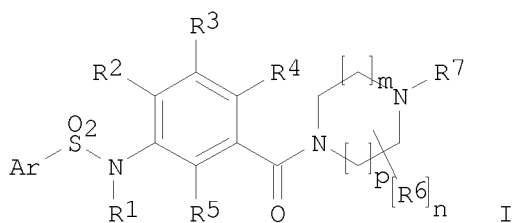
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004073619	A2	20040902	WO 2004-US4256	20040213
WO 2004073619	A3	20050324		

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PRIORITY APPLN. INFO.: US 2003-447560P P 20030214

OTHER SOURCE(S): MARPAT 141:243573

GI



AB The title compds. [I; n = 0-6; m = 1-4; p = 1-4; Ar = (un)substituted Ph, thienyl, furanyl, pyridinyl; R1, R6 = H, alkyl, cycloalkylalkyl,

phenylalkyl; R2-R5 = H, alkyl, alkoxy, halo, etc.; R7 = H, alkyl, cycloalkylalkyl, phenylalkyl], useful for inhibiting the chemokine receptor nominated CCR8 (no data given), were prepared E.g., a multi-step synthesis of the sulfonamide II, starting from Me 3-aminobenzoate and using DMHB resin as solid support, was given. The pharmaceutical composition comprising the compound I is claimed.

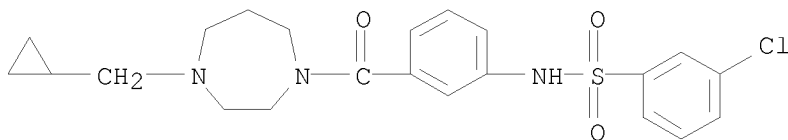
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 749882-90-4P 749883-14-5P 749883-16-7P
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 749884-36-4P 749884-37-5P 749884-38-6P
 749884-39-7P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of substituted benzenesulfonamides as CCR8 antagonists for treating respiratory condition)

RN 749881-87-6 CAPLUS

CN Benzenesulfonamide, 3-chloro-N-[3-[[4-(cyclopropylmethyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]phenyl]- (CA INDEX NAME)



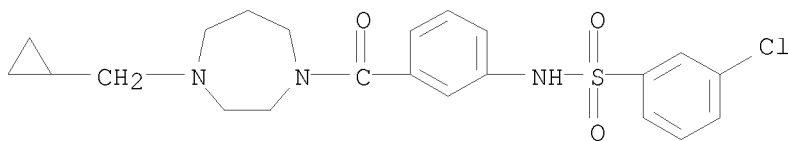
RN 749881-88-7 CAPLUS

CN Benzenesulfonamide, 3-chloro-N-[3-[[4-(cyclopropylmethyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]phenyl]-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

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CRN 749881-87-6

CMF C22 H26 Cl N3 O3 S

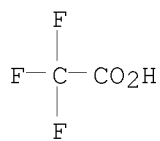


CM 2

CRN 76-05-1

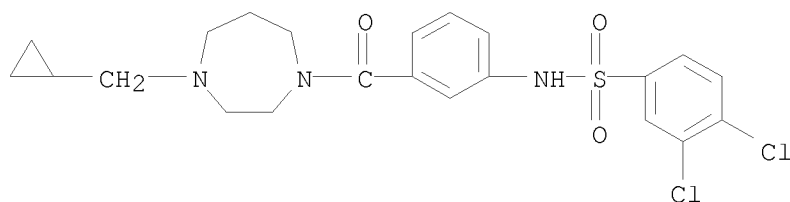
CMF C2 H F3 O2

10/576,492



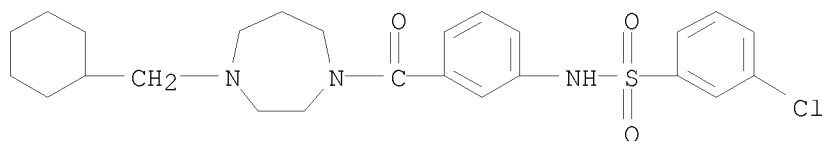
RN 749881-98-9 CAPLUS

CN Benzenesulfonamide, 3,4-dichloro-N-[3-[[4-(cyclopropylmethyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]phenyl]- (CA INDEX NAME)



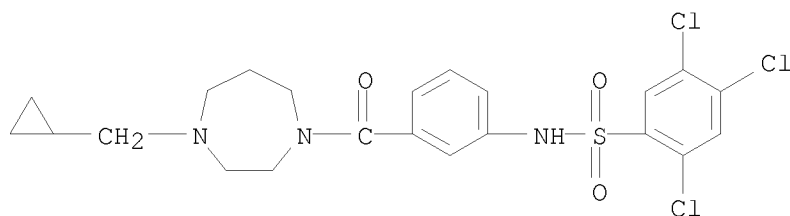
RN 749882-32-4 CAPLUS

CN Benzenesulfonamide, 3-chloro-N-[3-[[4-(cyclohexylmethyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]phenyl]- (CA INDEX NAME)



RN 749882-38-0 CAPLUS

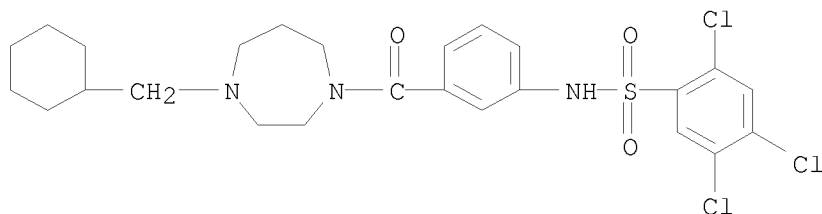
CN Benzenesulfonamide, 2,4,5-trichloro-N-[3-[[4-(cyclopropylmethyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]phenyl]- (CA INDEX NAME)



RN 749882-42-6 CAPLUS

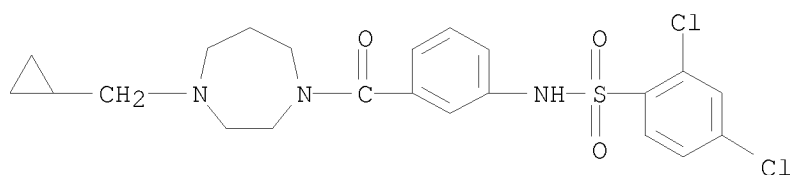
CN Benzenesulfonamide, 2,4,5-trichloro-N-[3-[[4-(cyclohexylmethyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]phenyl]- (CA INDEX NAME)

10/576,492



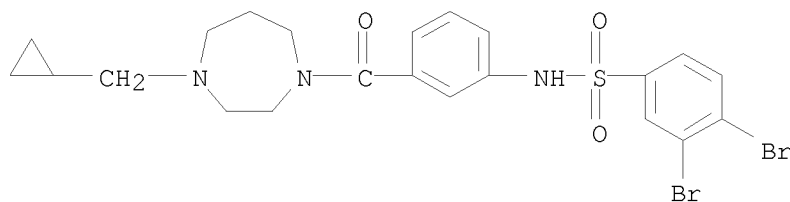
RN 749882-46-0 CAPLUS

CN Benzenesulfonamide, 2,4-dichloro-N-[3-[[4-(cyclopropylmethyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]phenyl]- (CA INDEX NAME)



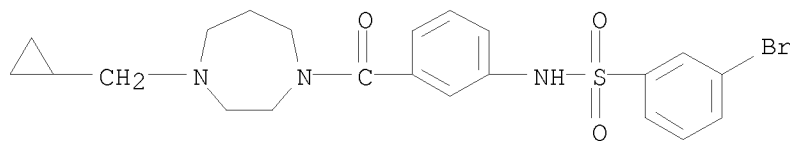
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CN Benzenesulfonamide, 3,4-dibromo-N-[3-[[4-(cyclopropylmethyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]phenyl]- (CA INDEX NAME)



RN 749882-72-2 CAPLUS

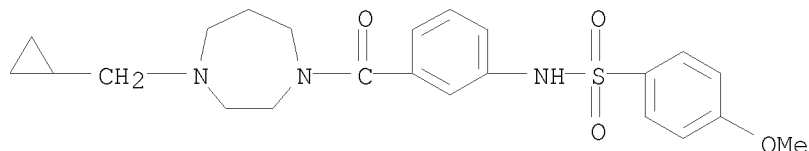
CN Benzenesulfonamide, 3-bromo-N-[3-[[4-(cyclopropylmethyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]phenyl]- (CA INDEX NAME)



RN 749882-90-4 CAPLUS

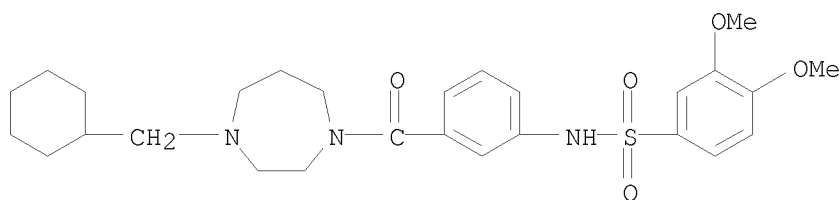
CN Benzenesulfonamide, N-[3-[[4-(cyclopropylmethyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]phenyl]-4-methoxy- (CA INDEX NAME)

10/576,492



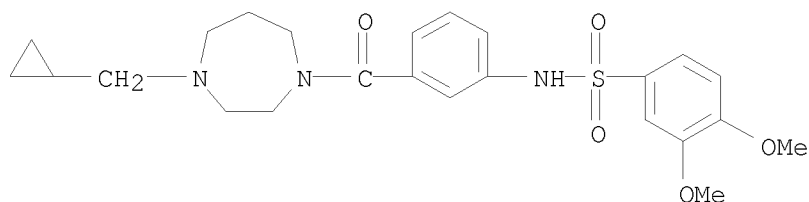
RN 749883-14-5 CAPLUS

CN Benzenesulfonamide, N-[3-[[4-(cyclohexylmethyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]phenyl]-3,4-dimethoxy- (CA INDEX NAME)



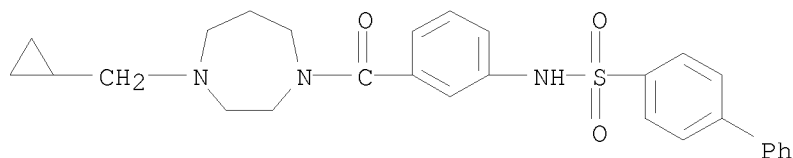
RN 749883-16-7 CAPLUS

CN Benzenesulfonamide, N-[3-[[4-(cyclopropylmethyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]phenyl]-3,4-dimethoxy- (CA INDEX NAME)



RN 749883-36-1 CAPLUS

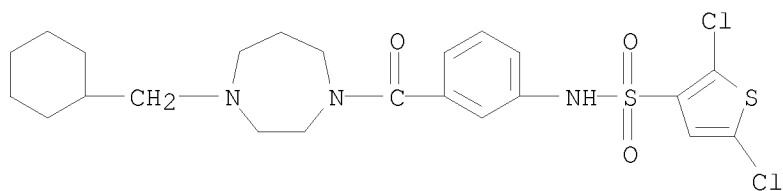
CN [1,1'-Biphenyl]-4-sulfonamide, N-[3-[[4-(cyclopropylmethyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]phenyl]- (CA INDEX NAME)



RN 749883-51-0 CAPLUS

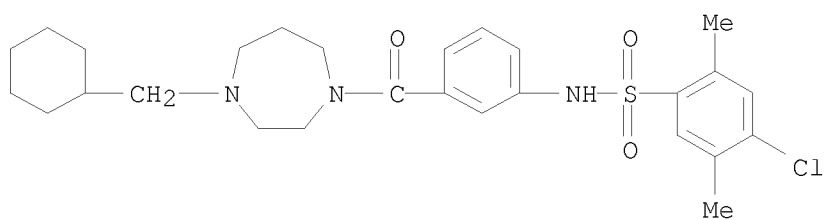
CN 3-Thiophenesulfonamide, 2,5-dichloro-N-[3-[[4-(cyclohexylmethyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]phenyl]- (CA INDEX NAME)

10/576,492



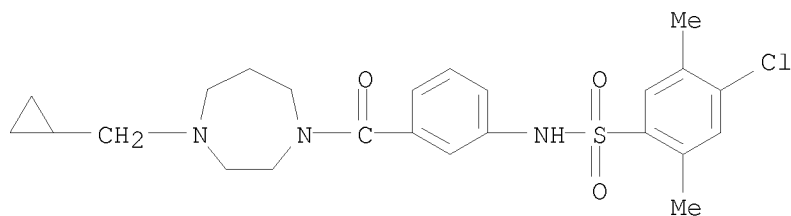
RN 749883-62-3 CAPLUS

CN Benzenesulfonamide, 4-chloro-N-[3-[[4-(cyclohexylmethyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]phenyl]-2,5-dimethyl- (CA INDEX NAME)



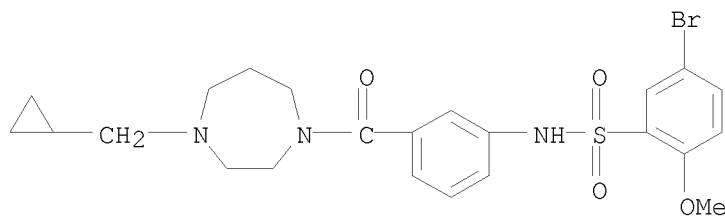
RN 749883-63-4 CAPLUS

CN Benzenesulfonamide, 4-chloro-N-[3-[[4-(cyclopropylmethyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]phenyl]-2,5-dimethyl- (CA INDEX NAME)



RN 749883-71-4 CAPLUS

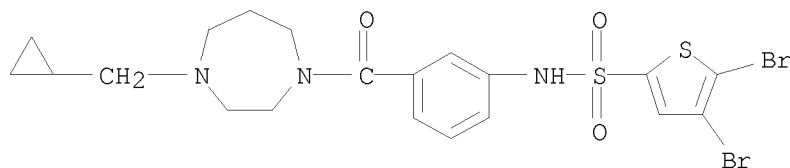
CN Benzenesulfonamide, 5-bromo-N-[3-[[4-(cyclopropylmethyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]phenyl]-2-methoxy- (CA INDEX NAME)



RN 749883-94-1 CAPLUS

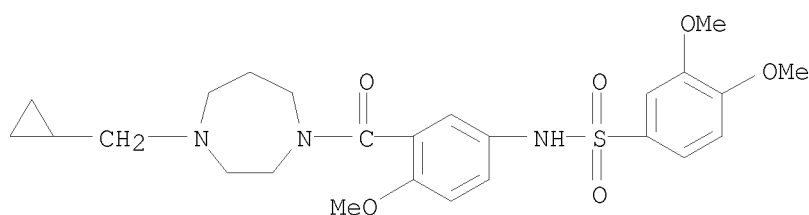
CN 2-Thiophenesulfonamide, 4,5-dibromo-N-[3-[[4-(cyclopropylmethyl)hexahydro-

1H-1,4-diazepin-1-yl]carbonyl]phenyl]- (CA INDEX NAME)



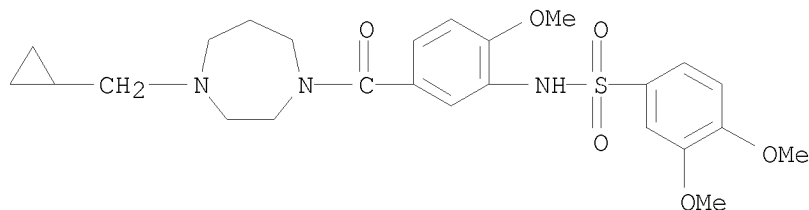
RN 749884-33-1 CAPLUS

CN Benzenesulfonamide, N-[3-[[4-(cyclopropylmethyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]-4-methoxyphenyl]-3,4-dimethoxy- (CA INDEX NAME)



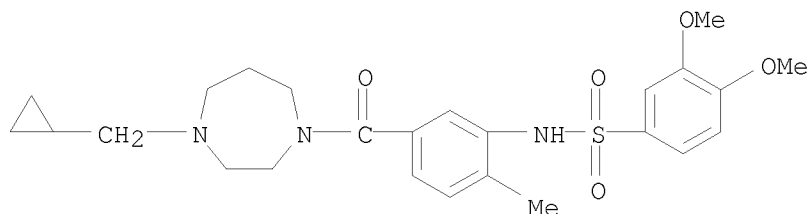
RN 749884-34-2 CAPLUS

CN Benzenesulfonamide, N-[5-[[4-(cyclopropylmethyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]-2-methoxyphenyl]-3,4-dimethoxy- (CA INDEX NAME)



RN 749884-35-3 CAPLUS

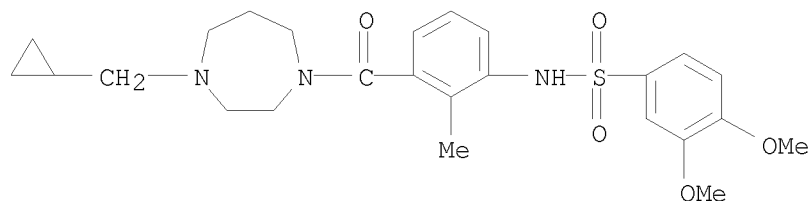
CN Benzenesulfonamide, N-[5-[[4-(cyclopropylmethyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]-2-methylphenyl]-3,4-dimethoxy- (CA INDEX NAME)



RN 749884-36-4 CAPLUS

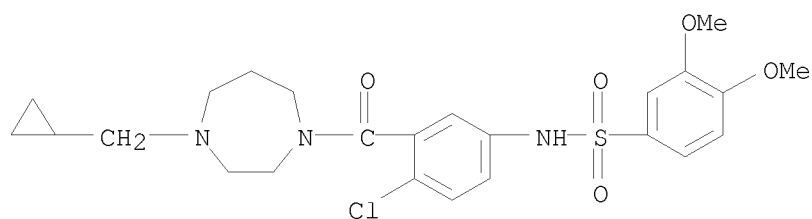
CN Benzenesulfonamide, N-[3-[[4-(cyclopropylmethyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]-2-methylphenyl]-3,4-dimethoxy- (CA INDEX NAME)

10/576,492



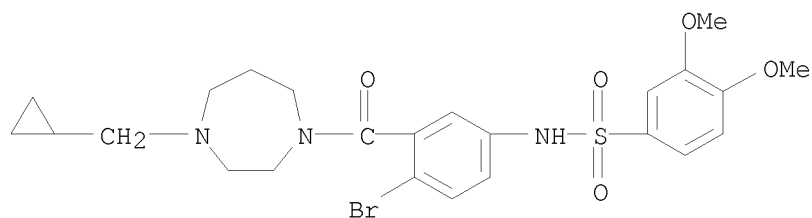
RN 749884-37-5 CAPLUS

CN Benzenesulfonamide, N-[4-chloro-3-[[4-(cyclopropylmethyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]phenyl]-3,4-dimethoxy- (CA INDEX NAME)



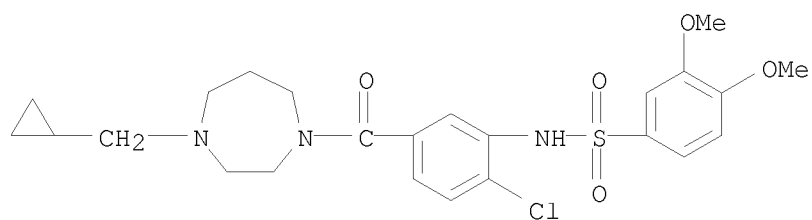
RN 749884-38-6 CAPLUS

CN Benzenesulfonamide, N-[4-bromo-3-[[4-(cyclopropylmethyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]phenyl]-3,4-dimethoxy- (CA INDEX NAME)



RN 749884-39-7 CAPLUS

CN Benzenesulfonamide, N-[2-chloro-5-[[4-(cyclopropylmethyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]phenyl]-3,4-dimethoxy- (CA INDEX NAME)



OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD

10/576,492

REFERENCE COUNT:	1	(4 CITINGS) THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT
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L16 ANSWER 15 OF 16 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2002:777909 CAPLUS

DOCUMENT NUMBER: 137:295253

TITLE: Method for preparing monocyclic N-acyl aminolactam compounds and their combinatorial libraries

INVENTOR(S): Cheng, Jie Fei; Chen, Mi; Nadzan, Alex

PATENT ASSIGNEE(S): Chugai Seiyaku Kabushiki Kaisha, Japan

SOURCE: PCT Int. Appl., 30 pp.

CODEN: PIXXD2

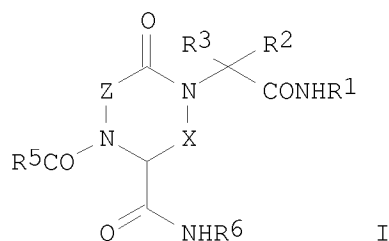
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

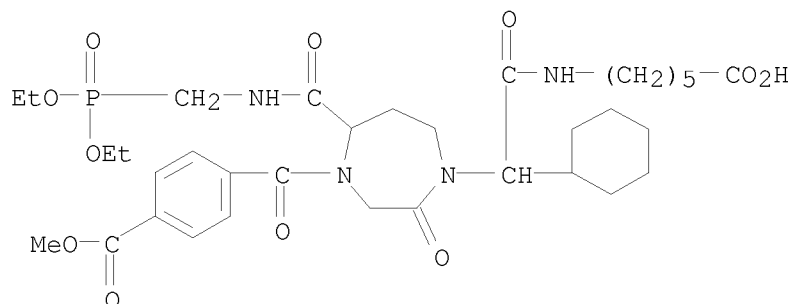
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002079172	A1	20021010	WO 2001-US51579	20011210
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2001297757	A1	20021015	AU 2001-297757	20011210
PRIORITY APPLN. INFO.:			US 2000-255092P	P 20001212
			WO 2001-US51579	W 20011210
OTHER SOURCE(S):	MARPAT 137:295253			
GI				



AB Piperazin-2-ones, perhydro-1,4-diazepin-2(or 5)-ones, and 1,5-diazocan-2-ones I [R1, R6 = alkyl, aryl, heterocyclyl, heteroaryl; R2, R3, R5 = H or any group given for R1; X = CH2 or CH2CH2; Z = CHR4 or R9CHCHR8, where R4, R8, R9 = any group given for R2] were prepared via four-component reaction of a polymer bound isocyanide R1NC, a ketone R2COR3 or aldehyde R2CHO, a protected amino acid P-Z-CO2H (P = protecting group), and a protected α - or β -amino acetal, deprotection of the polymer-bound acetal, reaction of the polymer-bound aldehyde with an acid R5CO2H and an isocyanide R6NC, and cleavage from the resin. The method was applied to the preparation of 22 title compds., including piperazin-2-ones I [X = CH2; Z = CHR4; R1 = (CH2)5CO2H; R2 = PhCH2CH2, i-Pr, cyclohexyl; R3 = H; R4 = Me, i-Pr, H; R5 = PhCH2CH2, C6H4NO2-3, C6H4CO2Me-4; R6 = Bu, t-Bu, PhCH2].

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IT 467469-38-1P
RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP
(Preparation)
(preparation of monocyclic N-acyl aminolactam compds. by solid-phase
four-component reaction)
RN 467469-38-1 CAPLUS
CN Benzoic acid, 4-[[4-[2-[(5-carboxypentyl)amino]-1-cyclohexyl-2-oxoethyl]-7-
[[[(diethoxyphosphinyl)methyl]amino]carbonyl]hexahydro-3-oxo-1H-1,4-
diazepin-1-yl]carbonyl]-, 1-methyl ester (CA INDEX NAME)



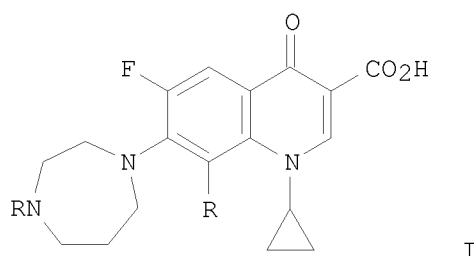
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 16 OF 16 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1995:761511 CAPLUS
 DOCUMENT NUMBER: 123:169669
 ORIGINAL REFERENCE NO.: 123:30303a,30306a
 TITLE: Preparation of diazepinoquinolonecarboxylates as
 antibacterial agents
 INVENTOR(S): Perrin, Claude
 PATENT ASSIGNEE(S): Bouchara SA, Fr.
 SOURCE: Fr. Demande, 30 pp.
 CODEN: FRXXBL
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

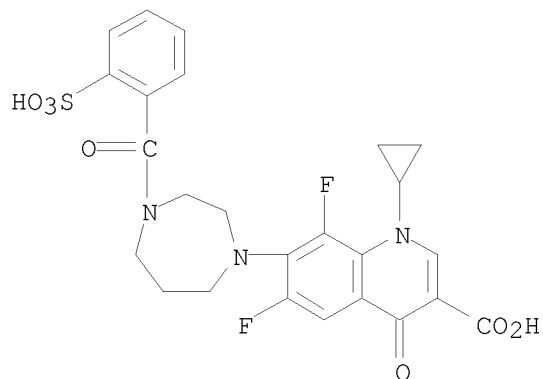
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2706459	A1	19941223	FR 1993-7293	19930617
FR 2706459	B1	19950804		
PRIORITY APPLN. INFO.:			FR 1993-7293	19930617
OTHER SOURCE(S):	MARPAT	123:169669		

GI



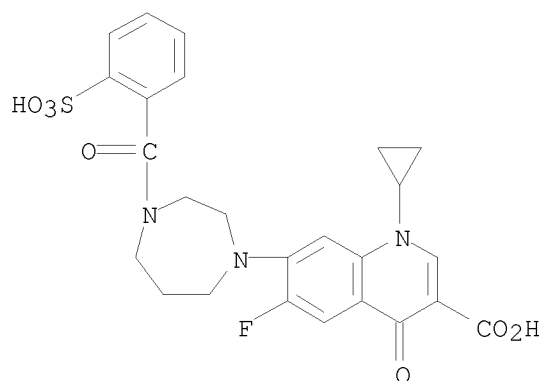
AB Title compds. (I; R = H, alkyl, alkanoyl, alkoxycarbonyl, arylsulfonyl, etc.; R1 = halo, alkoxy) were prepared. Thus, 1-cyclopropyl-6,7,8-trifluoro-4-quinolone-3-carboxylic acid was condensed with homopiperazine to give I (R = H, R1 = F). Data for antibacterial activity of selected title compds. were given.
 IT 167018-78-2P 167018-80-6P
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of diazepinoquinolonecarboxylates as antibacterial agents)
 RN 167018-78-2 CAPLUS
 CN 3-Quinolonecarboxylic acid, 1-cyclopropyl-6,8-difluoro-7-[hexahydro-4-(2-sulfobenzoyl)-1H-1,4-diazepin-1-yl]-1,4-dihydro-4-oxo- (CA INDEX NAME)

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RN 167018-80-6 CAPLUS

CN 3-Quinolinecarboxylic acid, 1-cyclopropyl-6-fluoro-7-[hexahydro-4-(2-sulfobenzoyl)-1H-1,4-diazepin-1-yl]-1,4-dihydro-4-oxo- (CA INDEX NAME)

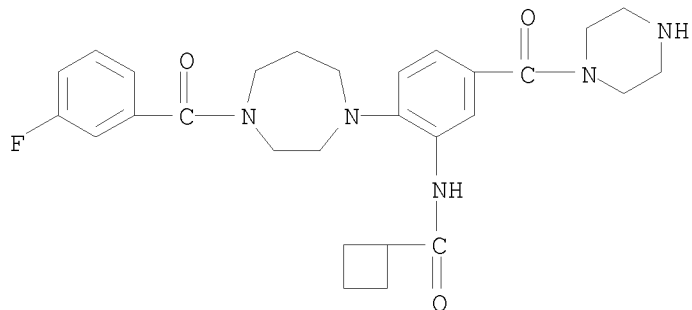


OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/576,492

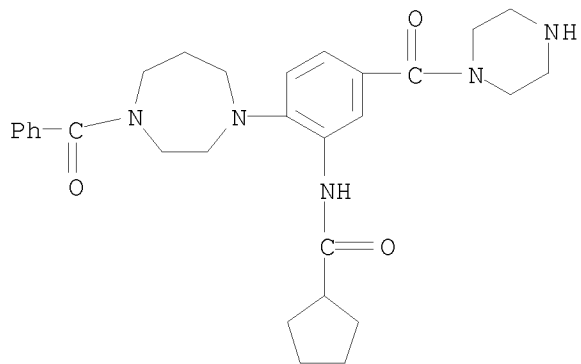
L18 ANSWER 381 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439236-84-7 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclobutanecarboxamide, N-[2-[4-(3-fluorobenzoyl)hexahydro-1H-1,4-
diazepin-1-yl]-5-(1-piperazinylcarbonyl)phenyl]- (CA INDEX NAME)
MF C28 H34 F N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

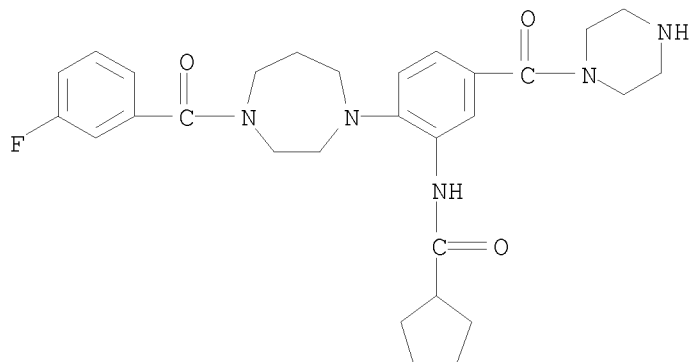
L18 ANSWER 375 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439236-98-3 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclopentanecarboxamide, N-[2-(4-benzoylhexahydro-1H-1,4-diazepin-1-yl)-5-(1-piperazinylcarbonyl)phenyl]- (CA INDEX NAME)
MF C29 H37 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

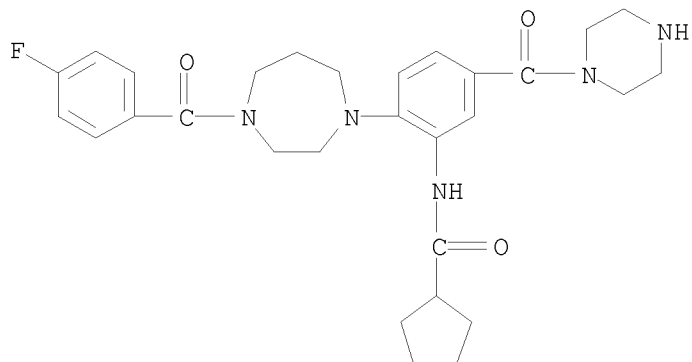
L18 ANSWER 376 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439236-96-1 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclopentanecarboxamide, N-[2-[4-(3-fluorobenzoyl)hexahydro-1H-1,4-
diazepin-1-yl]-5-(1-piperazinylcarbonyl)phenyl]- (CA INDEX NAME)
MF C29 H36 F N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

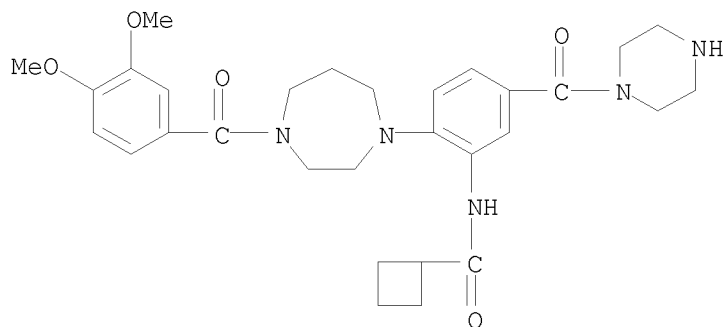
L18 ANSWER 377 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439236-92-7 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclopentanecarboxamide, N-[2-[4-(4-fluorobenzoyl)hexahydro-1H-1,4-
diazepin-1-yl]-5-(1-piperazinylcarbonyl)phenyl]- (CA INDEX NAME)
MF C29 H36 F N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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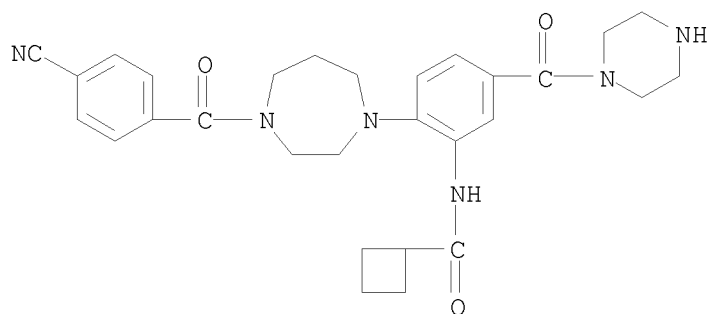
L18 ANSWER 378 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439236-90-5 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclobutanecarboxamide, N-[2-[4-(3,4-dimethoxybenzoyl)hexahydro-1H-
1,4-diazepin-1-yl]-5-(1-piperazinylcarbonyl)phenyl]- (CA INDEX NAME)
MF C30 H39 N5 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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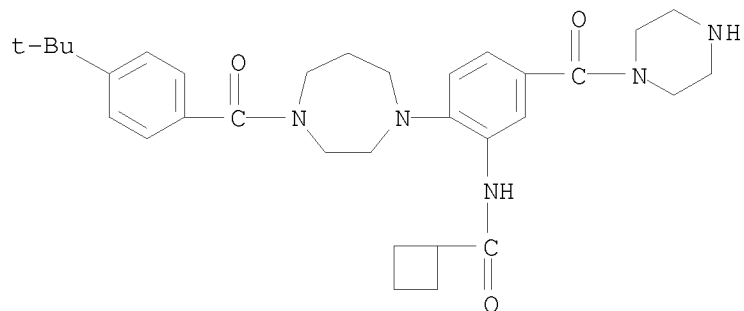
L18 ANSWER 379 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439236-88-1 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclobutanecarboxamide, N-[2-[4-(4-cyanobenzoyl)hexahydro-1H-1,4-
diazepin-1-yl]-5-(1-piperazinylcarbonyl)phenyl]- (CA INDEX NAME)
MF C29 H34 N6 O3
SR Chemical Library
Supplier: Ambinter



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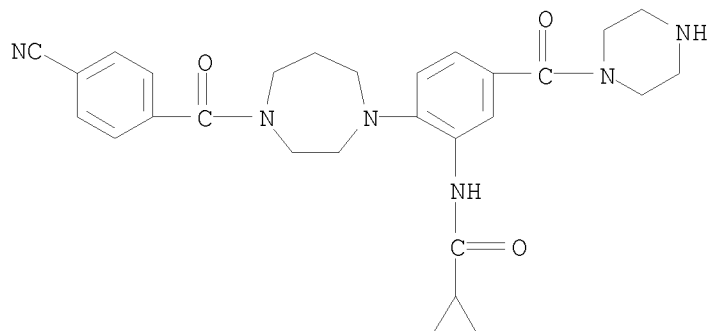
L18 ANSWER 380 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439236-86-9 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclobutanecarboxamide, N-[2-[4-[4-(1,1-dimethylethyl)benzoyl]hexahydro-1H-1,4-diazepin-1-yl]-5-(1-piperazinylcarbonyl)phenyl]- (CA INDEX NAME)
MF C32 H43 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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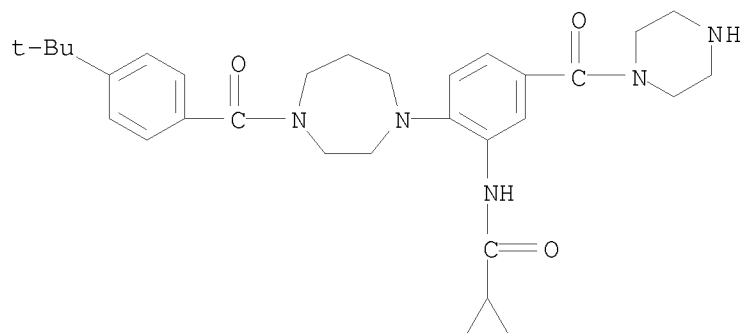
L18 ANSWER 365 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439237-20-4 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclopropanecarboxamide, N-[2-[4-(4-cyanobenzoyl)hexahydro-1H-1,4-
diazepin-1-yl]-5-(1-piperazinylcarbonyl)phenyl]- (CA INDEX NAME)
MF C28 H32 N6 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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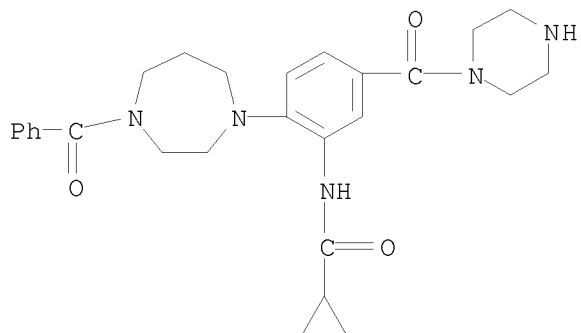
L18 ANSWER 366 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439237-18-0 REGISTRY
ED Entered STN: 18 Jul 2002
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dimethylethyl)benzoyl]hexahydro-1H-1,4-diazepin-1-yl]-5-(1-
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MF C31 H41 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

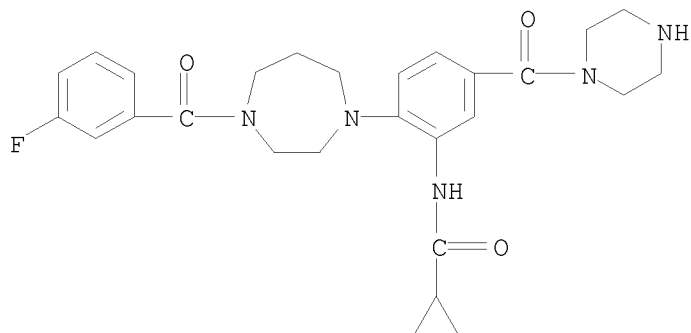
L18 ANSWER 367 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439237-14-6 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclopropanecarboxamide, N-[2-(4-benzoylhexahydro-1H-1,4-diazepin-1-yl)-5-(1-piperazinylcarbonyl)phenyl]- (CA INDEX NAME)
MF C27 H33 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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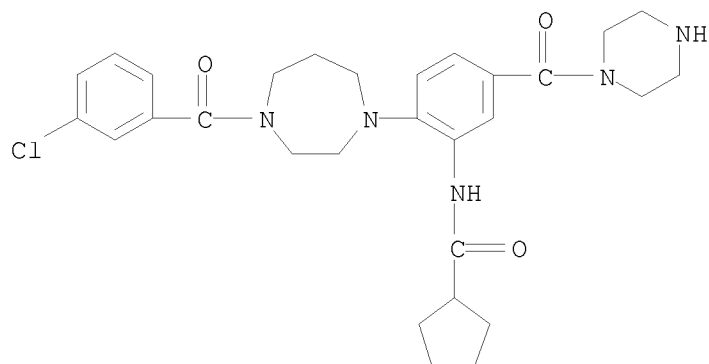
L18 ANSWER 368 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439237-12-4 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclopropanecarboxamide, N-[2-[4-(3-fluorobenzoyl)hexahydro-1H-1,4-
diazepin-1-yl]-5-(1-piperazinylcarbonyl)phenyl]- (CA INDEX NAME)
MF C27 H32 F N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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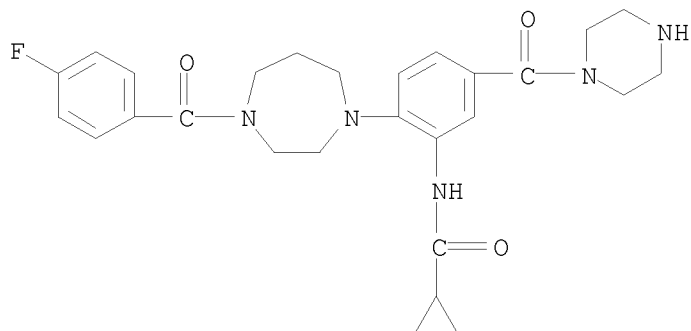
L18 ANSWER 369 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439237-09-9 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclopentanecarboxamide, N-[2-[4-(3-chlorobenzoyl)hexahydro-1H-1,4-
diazepin-1-yl]-5-(1-piperazinylcarbonyl)phenyl]- (CA INDEX NAME)
MF C29 H36 Cl N5 O3
SR Chemical Library
Supplier: Ambinter



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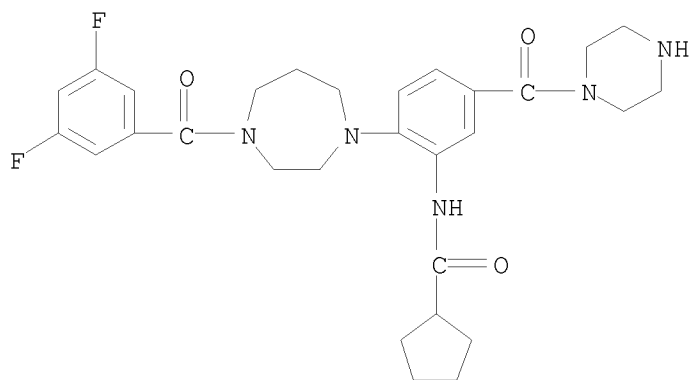
L18 ANSWER 370 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439237-08-8 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclopropanecarboxamide, N-[2-[4-(4-fluorobenzoyl)hexahydro-1H-1,4-
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MF C27 H32 F N5 O3
SR Chemical Library
Supplier: Ambinter



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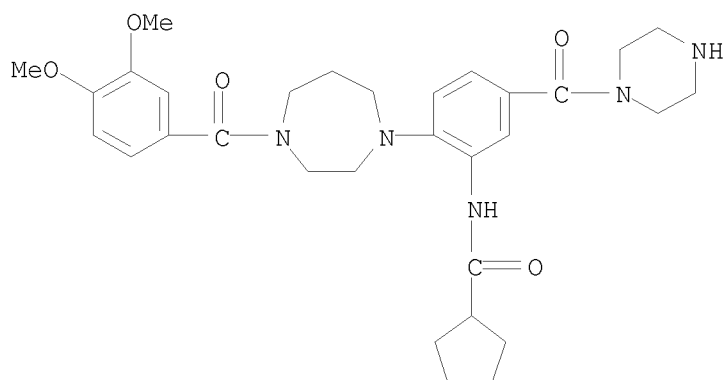
L18 ANSWER 371 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439237-07-7 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclopentanecarboxamide, N-[2-[4-(3,5-difluorobenzoyl)hexahydro-1H-
1,4-diazepin-1-yl]-5-(1-piperazinylcarbonyl)phenyl]- (CA INDEX NAME)
MF C29 H35 F2 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

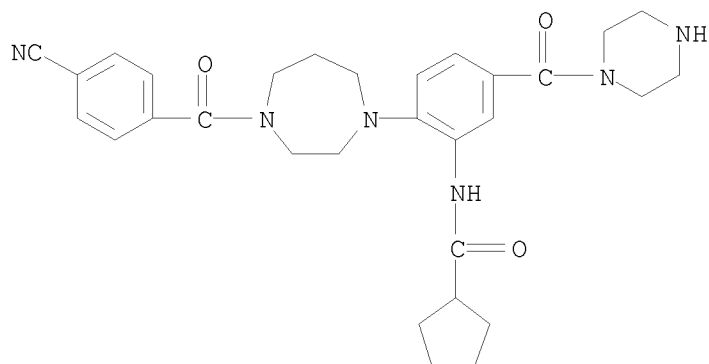
L18 ANSWER 372 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439237-05-5 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclopentanecarboxamide, N-[2-[4-(3,4-dimethoxybenzoyl)hexahydro-1H-
1,4-diazepin-1-yl]-5-(1-piperazinylcarbonyl)phenyl]- (CA INDEX NAME)
MF C31 H41 N5 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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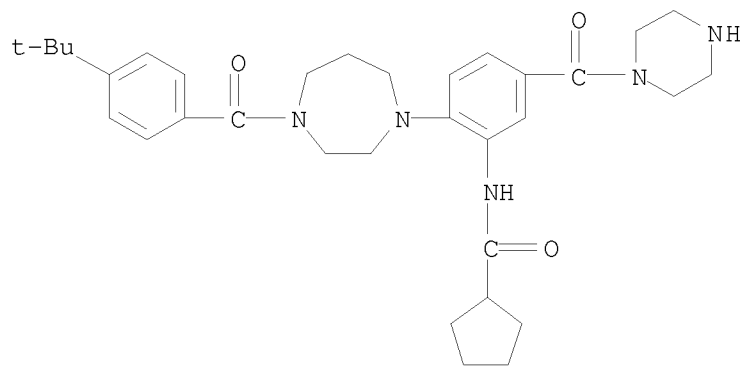
L18 ANSWER 373 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439237-04-4 REGISTRY
ED Entered STN: 18 Jul 2002
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diazepin-1-yl]-5-(1-piperazinylcarbonyl)phenyl]- (CA INDEX NAME)
MF C30 H36 N6 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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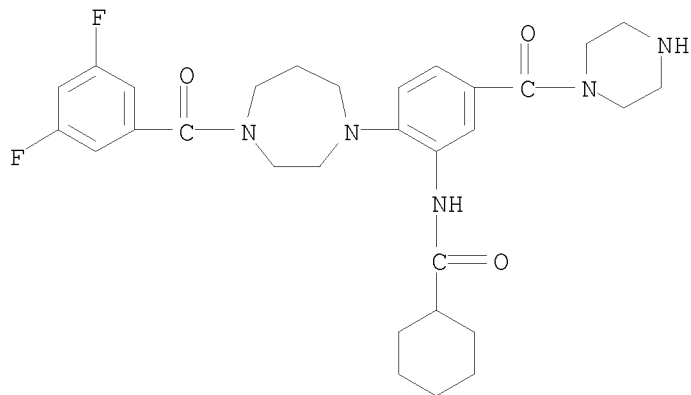
L18 ANSWER 374 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439237-02-2 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclopentanecarboxamide, N-[2-[4-[4-(1,1-
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MF C33 H45 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

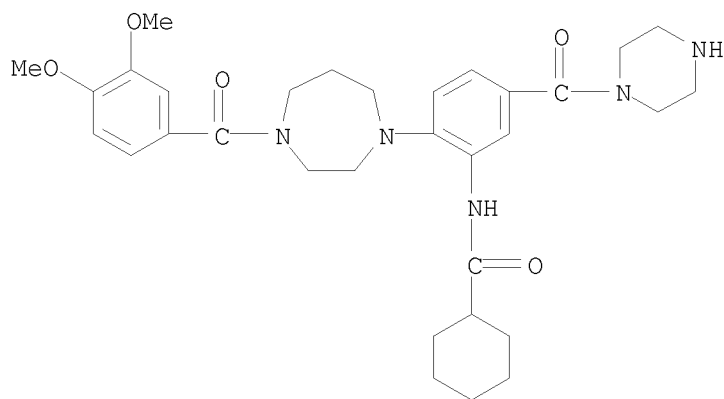
L18 ANSWER 355 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439237-44-2 REGISTRY
ED Entered STN: 18 Jul 2002
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MF C30 H37 F2 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

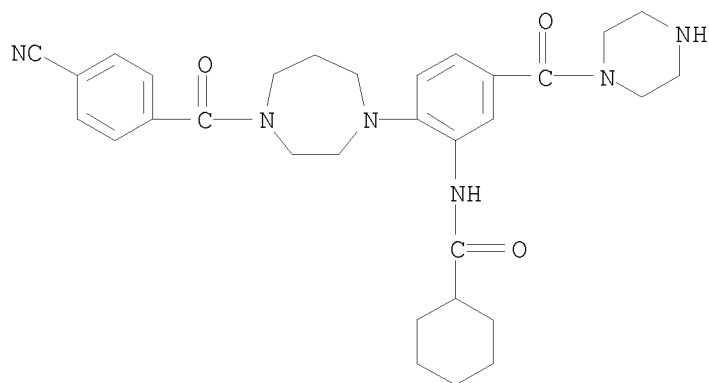
L18 ANSWER 356 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439237-42-0 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclohexanecarboxamide, N-[2-[4-(3,4-dimethoxybenzoyl)hexahydro-1H-
1,4-diazepin-1-yl]-5-(1-piperazinylcarbonyl)phenyl]- (CA INDEX NAME)
MF C32 H43 N5 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

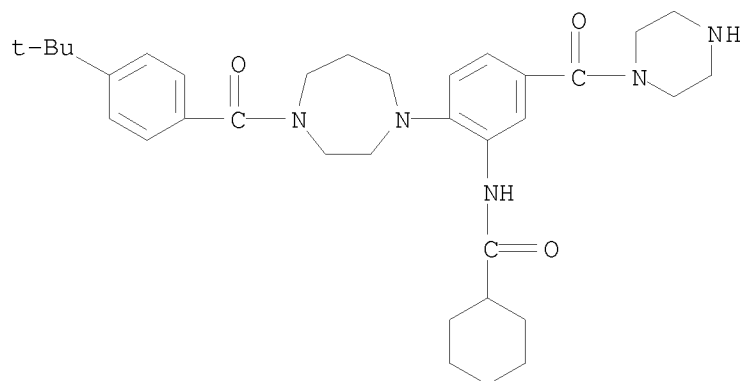
L18 ANSWER 357 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439237-40-8 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclohexanecarboxamide, N-[2-[4-(4-cyanobenzoyl)hexahydro-1H-1,4-
diazepin-1-yl]-5-(1-piperazinylcarbonyl)phenyl]- (CA INDEX NAME)
MF C31 H38 N6 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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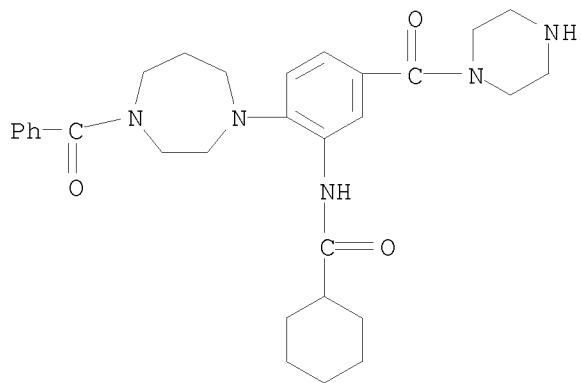
L18 ANSWER 358 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439237-38-4 REGISTRY
ED Entered STN: 18 Jul 2002
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MF C34 H47 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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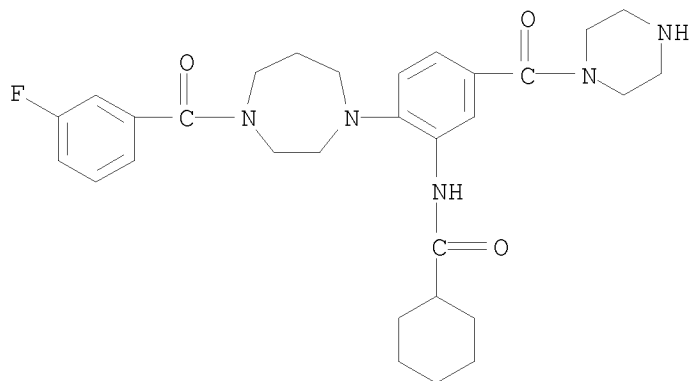
L18 ANSWER 359 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439237-34-0 REGISTRY
ED Entered STN: 18 Jul 2002
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MF C30 H39 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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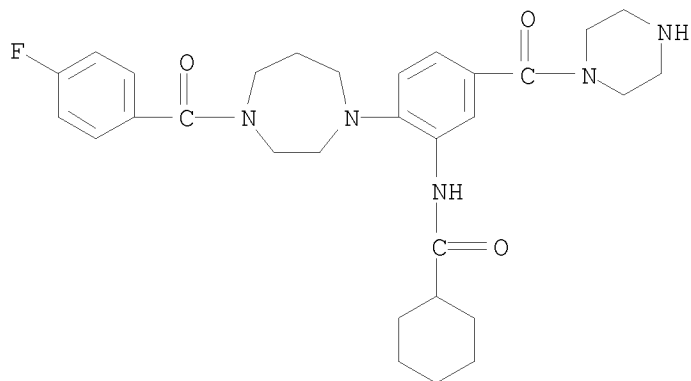
L18 ANSWER 360 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439237-32-8 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclohexanecarboxamide, N-[2-[4-(3-fluorobenzoyl)hexahydro-1H-1,4-
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MF C30 H38 F N5 O3
SR Chemical Library
Supplier: Ambinter



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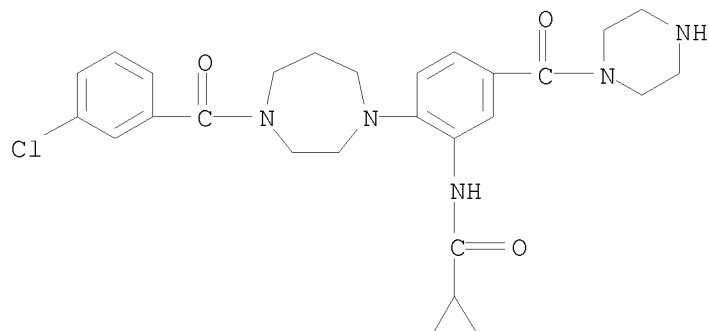
L18 ANSWER 361 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439237-28-2 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclohexanecarboxamide, N-[2-[4-(4-fluorobenzoyl)hexahydro-1H-1,4-
diazepin-1-yl]-5-(1-piperazinylcarbonyl)phenyl]- (CA INDEX NAME)
MF C30 H38 F N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

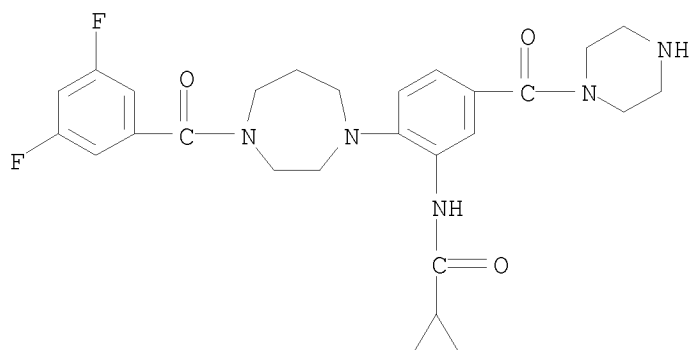
L18 ANSWER 362 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439237-26-0 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclopropanecarboxamide, N-[2-[4-(3-chlorobenzoyl)hexahydro-1H-1,4-
diazepin-1-yl]-5-(1-piperazinylcarbonyl)phenyl]- (CA INDEX NAME)
MF C27 H32 Cl N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

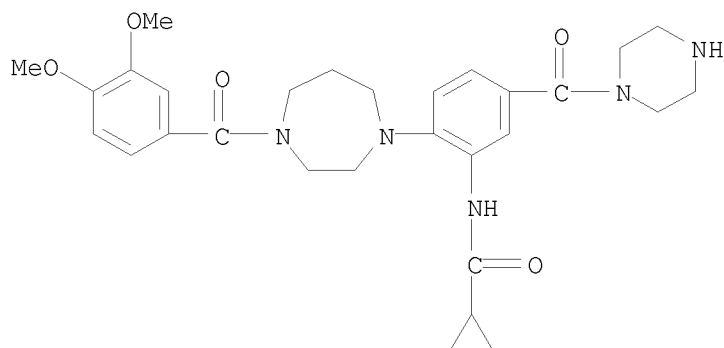
L18 ANSWER 363 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439237-24-8 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclopropanecarboxamide, N-[2-[4-(3,5-difluorobenzoyl)hexahydro-1H-
1,4-diazepin-1-yl]-5-(1-piperazinylcarbonyl)phenyl]- (CA INDEX NAME)
MF C27 H31 F2 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

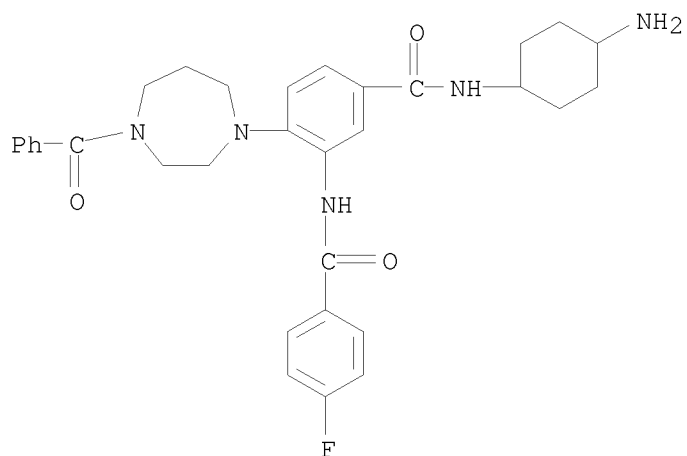
L18 ANSWER 364 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439237-22-6 REGISTRY
ED Entered STN: 18 Jul 2002
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1,4-diazepin-1-yl]-5-(1-piperazinylcarbonyl)phenyl]- (CA INDEX NAME)
MF C29 H37 N5 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

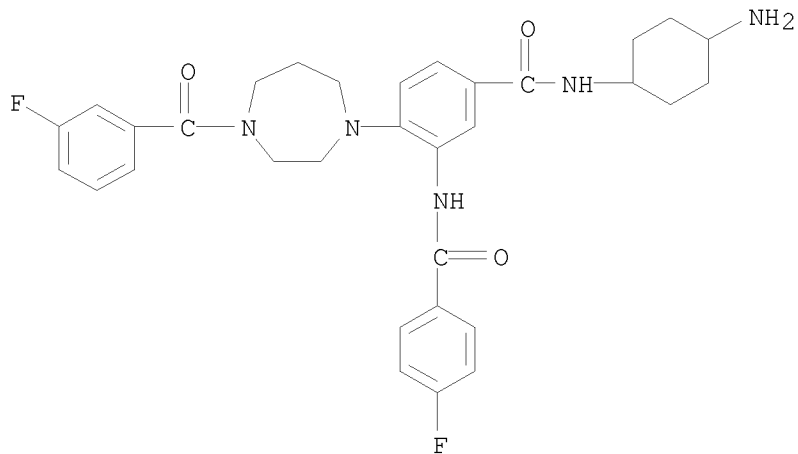
L18 ANSWER 345 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439243-77-3 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-4-(4-benzoylhexahydro-1H-1,4-
diazepin-1-yl)-3-[(4-fluorobenzoyl)amino]- (CA INDEX NAME)
MF C32 H36 F N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

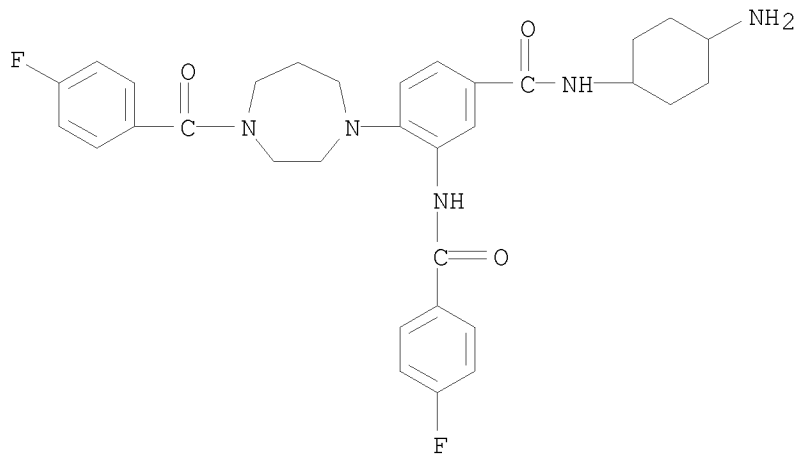
L18 ANSWER 346 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439243-75-1 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-3-[(4-fluorobenzoyl)amino]-4-[4-(3-fluorobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]- (CA INDEX NAME)
MF C32 H35 F2 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

L18 ANSWER 347 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439243-73-9 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-3-[(4-fluorobenzoyl)amino]-4-[4-(4-fluorobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]- (CA INDEX NAME)
MF C32 H35 F2 N5 O3
SR Chemical Library
Supplier: Ambinter

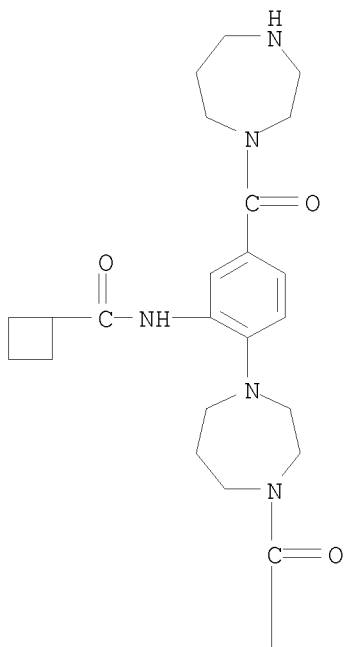


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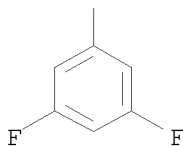
10/576,492

L18 ANSWER 348 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439240-20-7 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclobutanecarboxamide, N-[2-[4-(3,5-difluorobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]-5-[(hexahydro-1H-1,4-diazepin-1-yl)carbonyl]phenyl]-
(CA INDEX NAME)
MF C29 H35 F2 N5 O3
SR Chemical Library
Supplier: Ambinter

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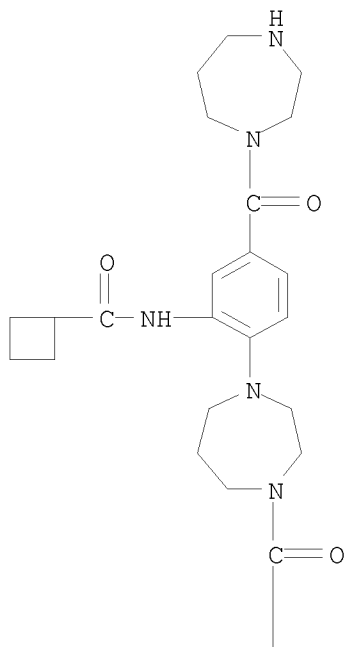


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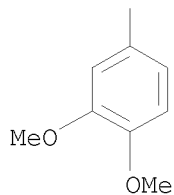
10/576,492

L18 ANSWER 349 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439240-19-4 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclobutanecarboxamide, N-[2-[4-(3,4-dimethoxybenzoyl)hexahydro-1H-
1,4-diazepin-1-yl]-5-[(hexahydro-1H-1,4-diazepin-1-yl)carbonyl]phenyl]-
(CA INDEX NAME)
MF C31 H41 N5 O5
SR Chemical Library
Supplier: Ambinter

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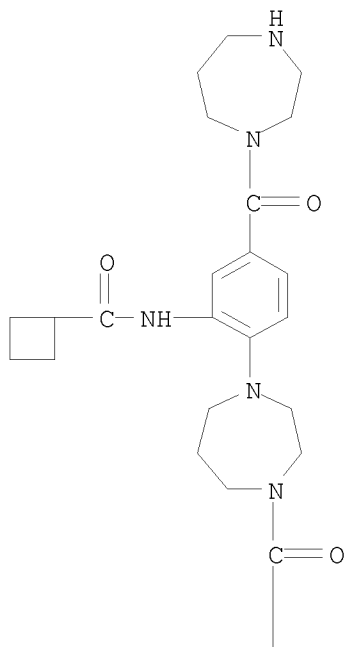


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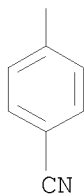
10/576,492

L18 ANSWER 350 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439240-18-3 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclobutanecarboxamide, N-[2-[4-(4-cyanobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]-5-[(hexahydro-1H-1,4-diazepin-1-yl)carbonyl]phenyl]-
(CA INDEX NAME)
MF C30 H36 N6 O3
SR Chemical Library
Supplier: Ambinter

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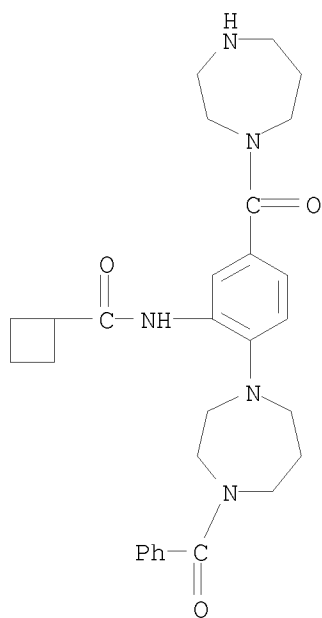
PAGE 2-A



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

L18 ANSWER 351 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439240-16-1 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclobutanecarboxamide, N-[2-(4-benzoylhexahydro-1H-1,4-diazepin-1-yl)-5-[(hexahydro-1H-1,4-diazepin-1-yl)carbonyl]phenyl]- (CA INDEX NAME)
MF C29 H37 N5 O3
SR Chemical Library
Supplier: Ambinter

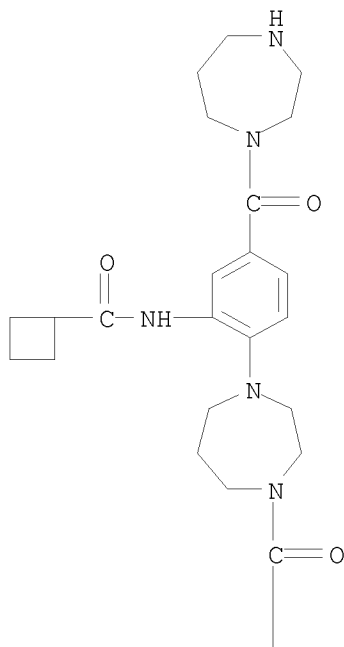


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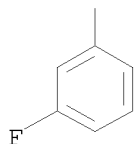
10/576,492

L18 ANSWER 352 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439240-15-0 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclobutanecarboxamide, N-[2-[4-(3-fluorobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]-5-[(hexahydro-1H-1,4-diazepin-1-yl)carbonyl]phenyl]-
(CA INDEX NAME)
MF C29 H36 F N5 O3
SR Chemical Library
Supplier: Ambinter

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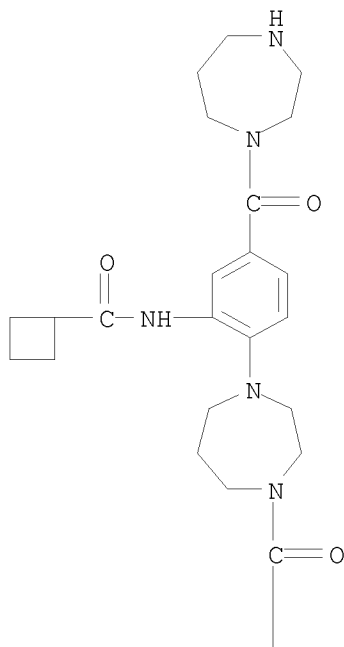


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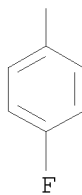
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L18 ANSWER 353 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439240-13-8 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclobutanecarboxamide, N-[2-[4-(4-fluorobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]-5-[(hexahydro-1H-1,4-diazepin-1-yl)carbonyl]phenyl]-
(CA INDEX NAME)
MF C29 H36 F N5 O3
SR Chemical Library
Supplier: Ambinter

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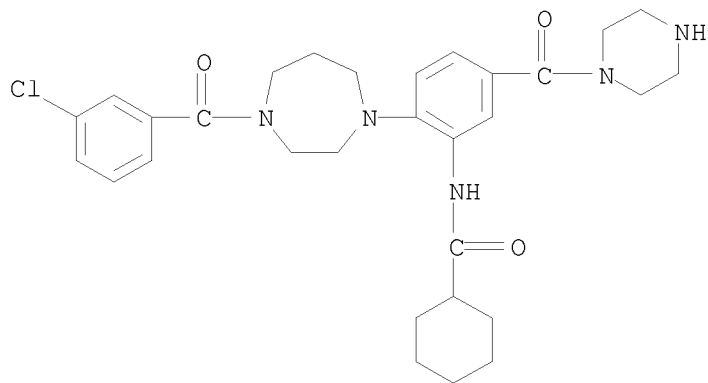
PAGE 2-A



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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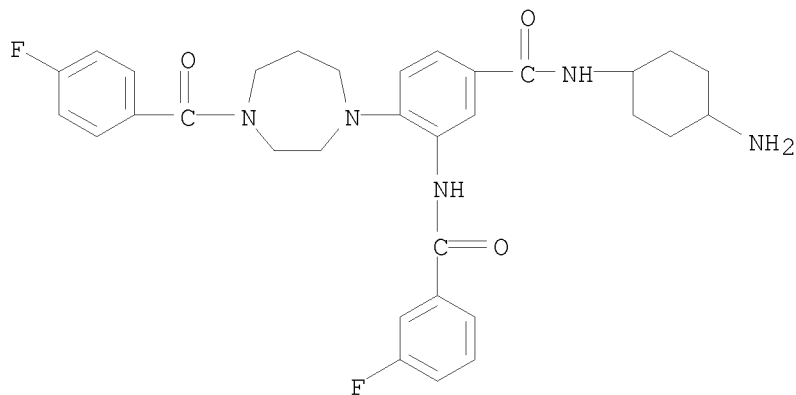
L18 ANSWER 354 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439237-46-4 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclohexanecarboxamide, N-[2-[4-(3-chlorobenzoyl)hexahydro-1H-1,4-
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MF C30 H38 Cl N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

L18 ANSWER 335 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439243-99-9 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-3-[(3-fluorobenzoyl)amino]-4-[4-(4-fluorobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]- (CA INDEX NAME)
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SR Chemical Library
Supplier: Ambinter

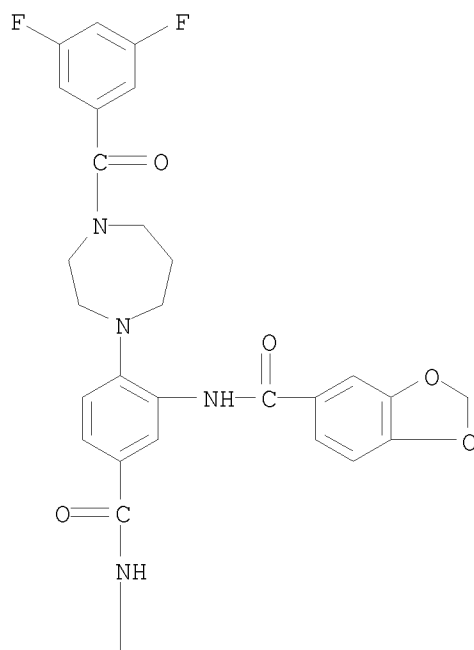


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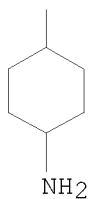
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L18 ANSWER 336 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439243-97-7 REGISTRY
ED Entered STN: 18 Jul 2002
CN 1,3-Benzodioxole-5-carboxamide,
N-[5-[[[(4-aminocyclohexyl)amino]carbonyl]-2-[4-(3,5-
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NAME)
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SR Chemical Library
Supplier: Ambinter

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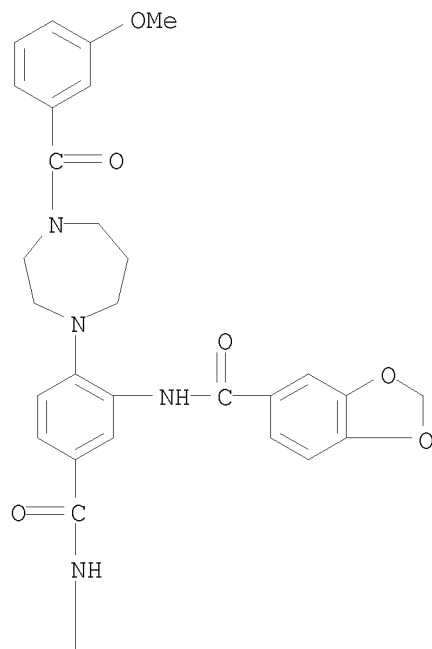


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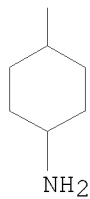
10/576,492

L18 ANSWER 337 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439243-95-5 REGISTRY
ED Entered STN: 18 Jul 2002
CN 1,3-Benzodioxole-5-carboxamide,
N-[5-[[[4-aminocyclohexyl]amino]carbonyl]-2-[hexahydro-4-(3-
methoxybenzoyl)-1H-1,4-diazepin-1-yl]phenyl]- (CA INDEX NAME)
MF C34 H39 N5 O6
SR Chemical Library
Supplier: Ambinter

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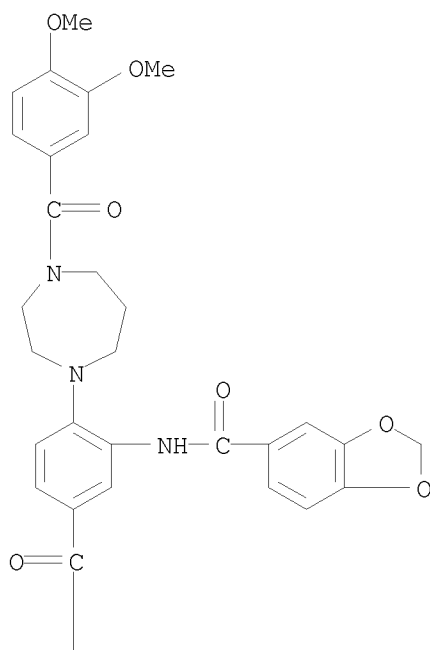


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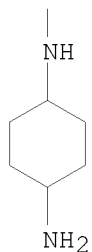
10/576,492

L18 ANSWER 338 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439243-92-2 REGISTRY
ED Entered STN: 18 Jul 2002
CN 1,3-Benzodioxole-5-carboxamide,
N-[5-[[[(4-aminocyclohexyl)amino]carbonyl]-2-[4-(3,4-
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NAME)
MF C35 H41 N5 O7
SR Chemical Library
Supplier: Ambinter

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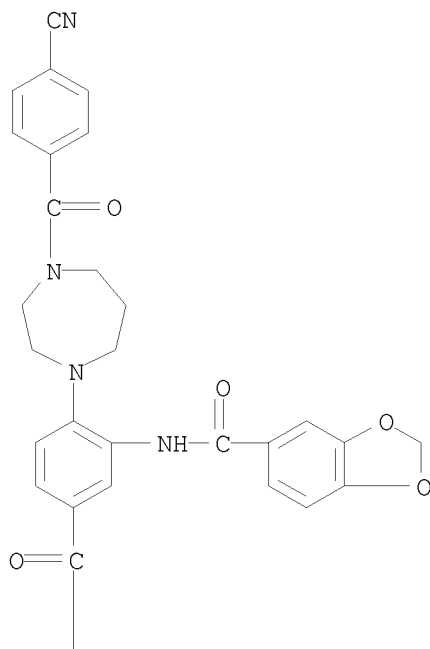


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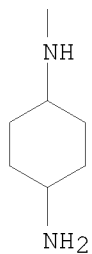
10/576,492

L18 ANSWER 339 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439243-90-0 REGISTRY
ED Entered STN: 18 Jul 2002
CN 1,3-Benzodioxole-5-carboxamide,
N-[5-[[[(4-aminocyclohexyl)amino]carbonyl]-2-[4-(4-cyanobenzoyl)hexahydro-
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MF C34 H36 N6 O5
SR Chemical Library
Supplier: Ambinter

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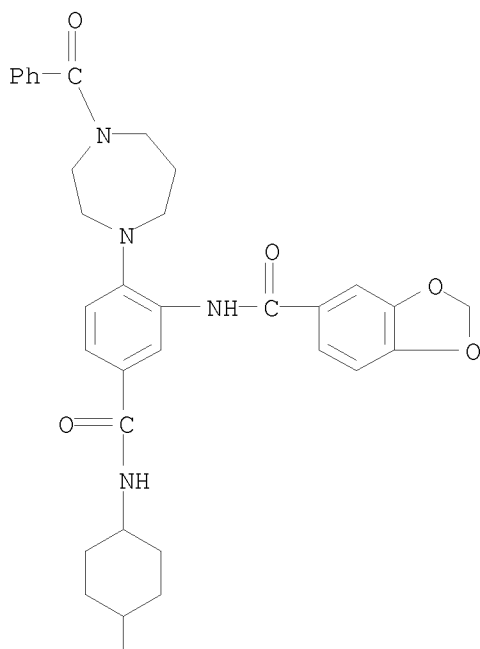


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

L18 ANSWER 340 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439243-88-6 REGISTRY
ED Entered STN: 18 Jul 2002
CN 1,3-Benzodioxole-5-carboxamide,
N-[5-[[[(4-aminocyclohexyl)amino]carbonyl]-2-(4-benzoylhexahydro-1H-1,4-
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MF C33 H37 N5 O5
SR Chemical Library
Supplier: Ambinter

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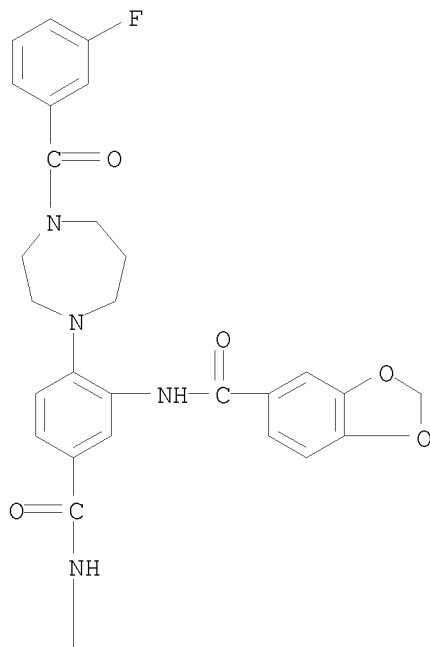


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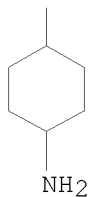
10/576,492

L18 ANSWER 341 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439243-86-4 REGISTRY
ED Entered STN: 18 Jul 2002
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N-[5-[[[(4-aminocyclohexyl)amino]carbonyl]-2-[4-(3-fluorobenzoyl)hexahydro-
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MF C33 H36 F N5 O5
SR Chemical Library
Supplier: Ambinter

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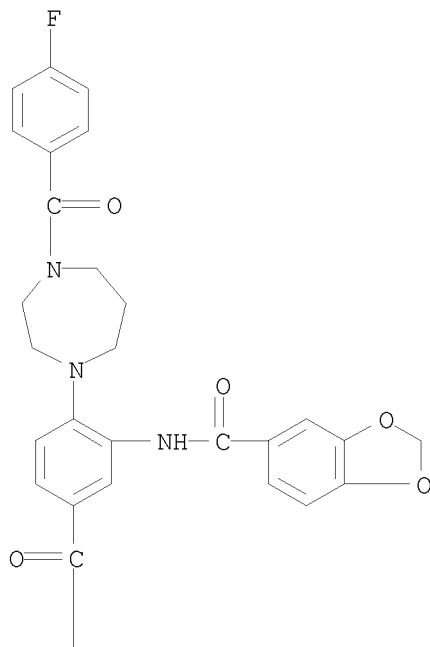


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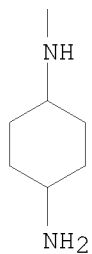
10/576,492

L18 ANSWER 342 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439243-83-1 REGISTRY
ED Entered STN: 18 Jul 2002
CN 1,3-Benzodioxole-5-carboxamide,
N-[5-[[[(4-aminocyclohexyl)amino]carbonyl]-2-[4-(4-fluorobenzoyl)hexahydro-
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MF C33 H36 F N5 O5
SR Chemical Library
Supplier: Ambinter

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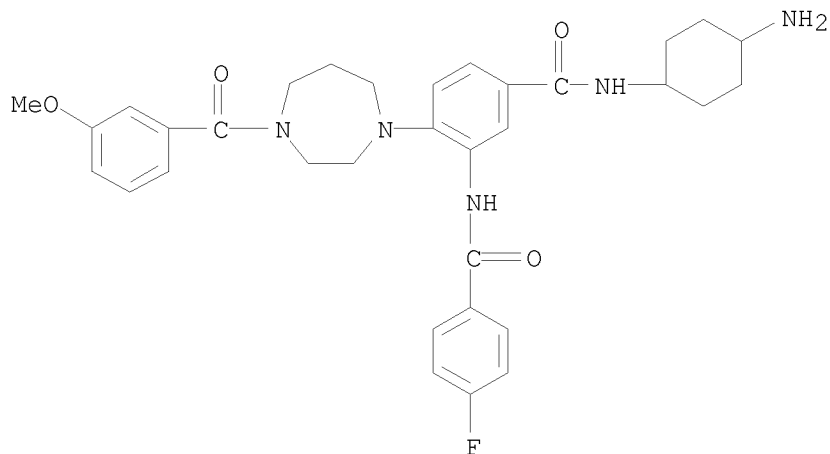
PAGE 2-A



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

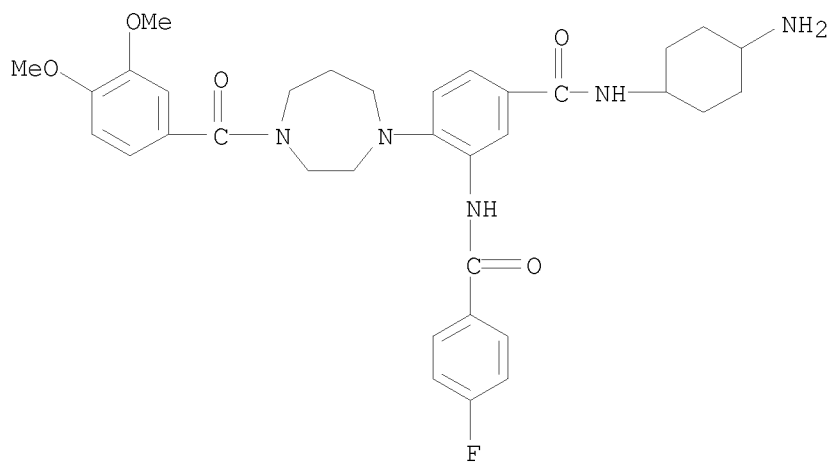
L18 ANSWER 343 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439243-81-9 REGISTRY
ED Entered STN: 18 Jul 2002
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[hexahydro-4-(3-methoxybenzoyl)-1H-1,4-diazepin-1-yl]- (CA INDEX
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MF C33 H38 F N5 O4
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

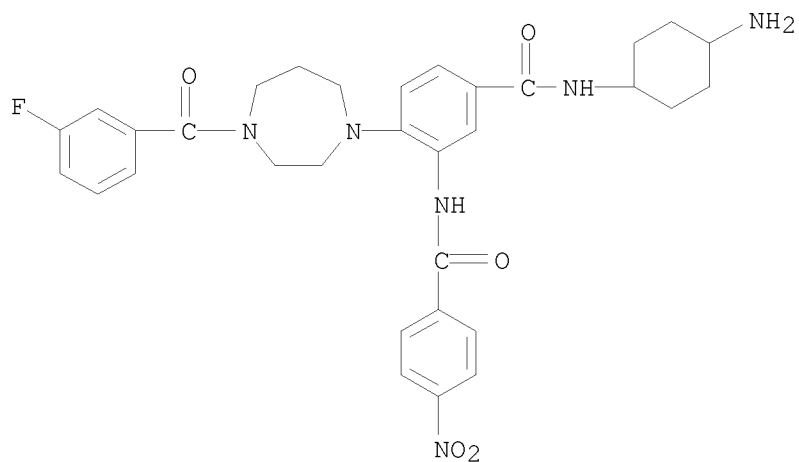
L18 ANSWER 344 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439243-79-5 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-4-[4-(3,4-dimethoxybenzoyl)hexahydro-
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MF C34 H40 F N5 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

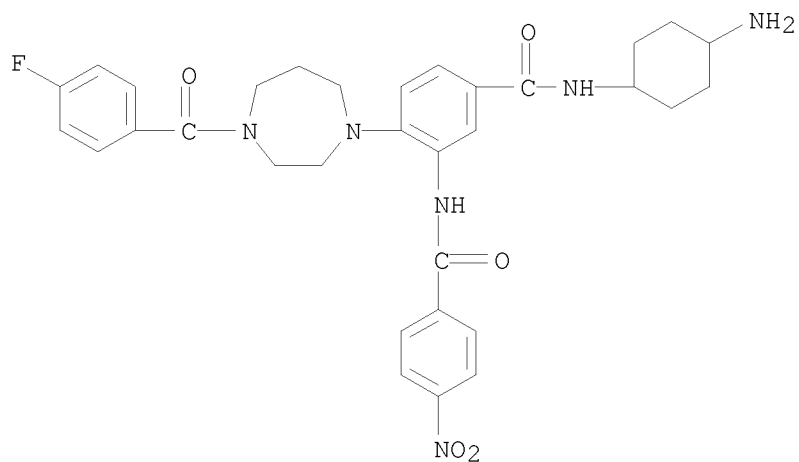
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RN 439244-12-9 REGISTRY
ED Entered STN: 18 Jul 2002
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MF C32 H35 F N6 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

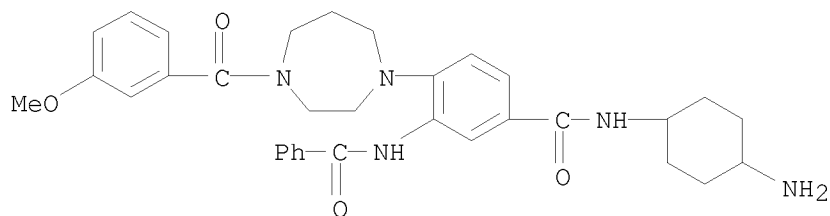
L18 ANSWER 326 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-10-7 REGISTRY
ED Entered STN: 18 Jul 2002
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MF C32 H35 F N6 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

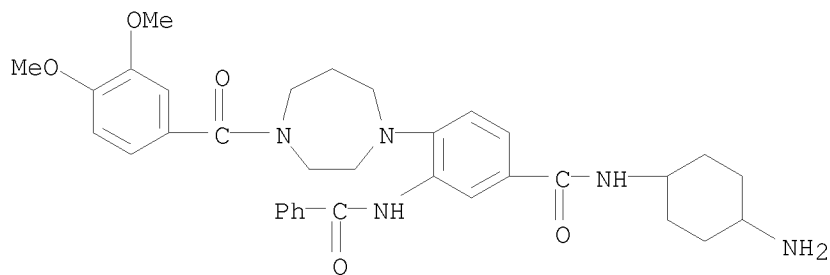
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RN 439244-09-4 REGISTRY
ED Entered STN: 18 Jul 2002
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MF C33 H39 N5 O4
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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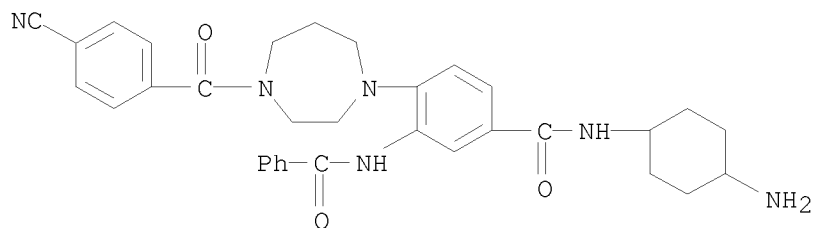
L18 ANSWER 328 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-08-3 REGISTRY
ED Entered STN: 18 Jul 2002
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MF C34 H41 N5 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

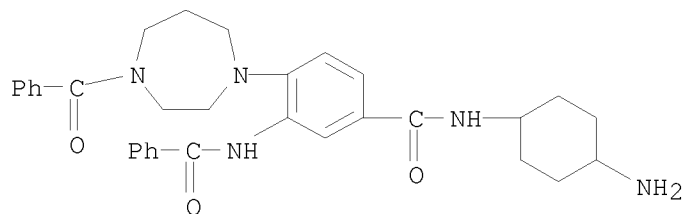
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RN 439244-07-2 REGISTRY
ED Entered STN: 18 Jul 2002
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MF C33 H36 N6 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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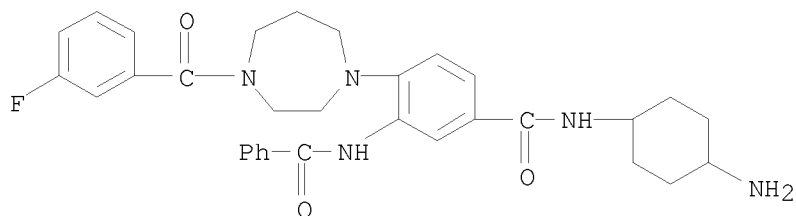
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RN 439244-06-1 REGISTRY
ED Entered STN: 18 Jul 2002
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MF C32 H37 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

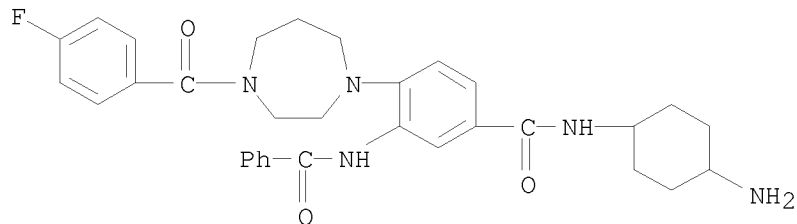
L18 ANSWER 331 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-05-0 REGISTRY
ED Entered STN: 18 Jul 2002
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MF C32 H36 F N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

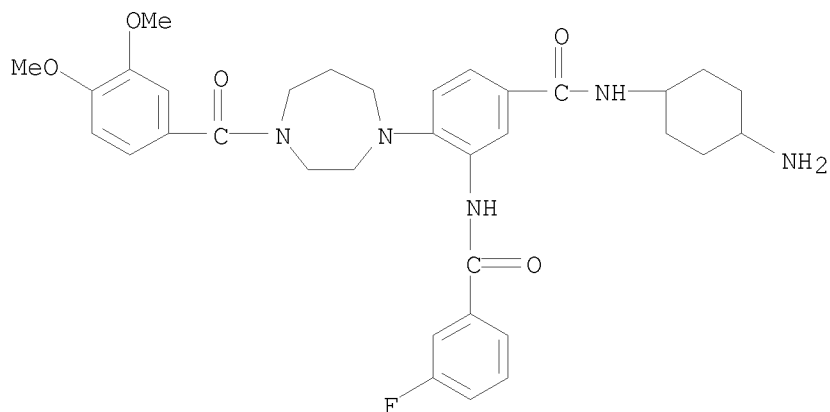
L18 ANSWER 332 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-03-8 REGISTRY
ED Entered STN: 18 Jul 2002
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MF C32 H36 F N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

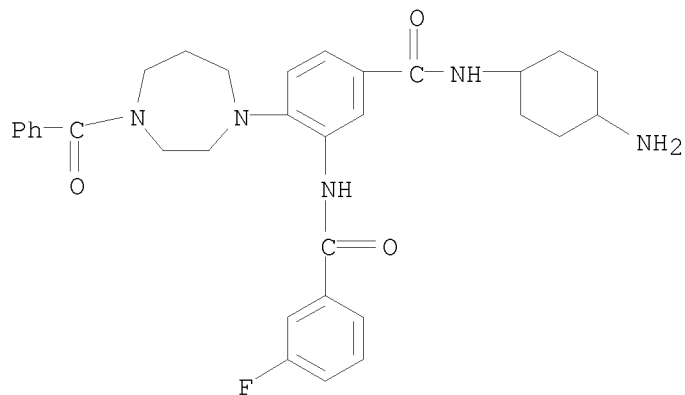
L18 ANSWER 333 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-02-7 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-4-[4-(3,4-dimethoxybenzoyl)hexahydro-
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MF C34 H40 F N5 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

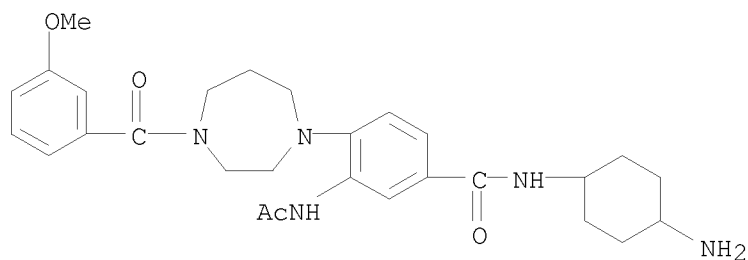
L18 ANSWER 334 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-01-6 REGISTRY
ED Entered STN: 18 Jul 2002
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MF C32 H36 F N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

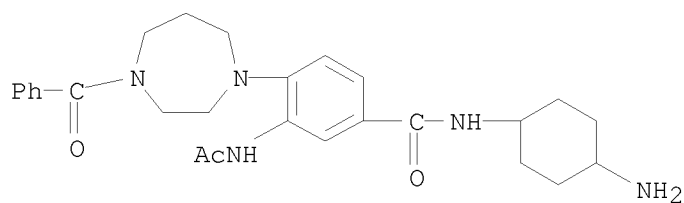
L18 ANSWER 315 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-26-5 REGISTRY
ED Entered STN: 18 Jul 2002
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MF C28 H37 N5 O4
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

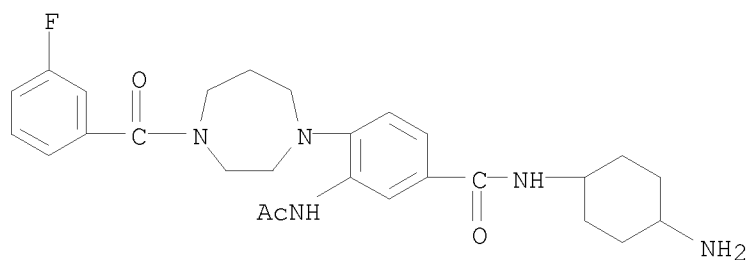
L18 ANSWER 316 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-23-2 REGISTRY
ED Entered STN: 18 Jul 2002
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benzoylhexahydro-1H-1,4-diazepin-1-yl)- (CA INDEX NAME)
MF C27 H35 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

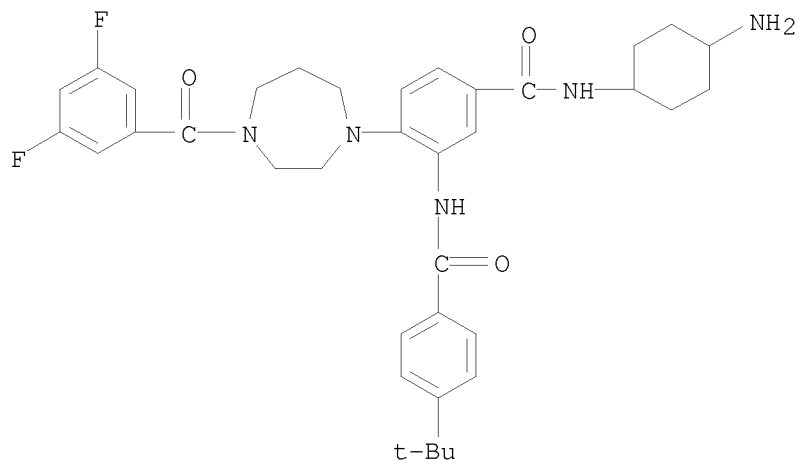
L18 ANSWER 317 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-22-1 REGISTRY
ED Entered STN: 18 Jul 2002
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MF C27 H34 F N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

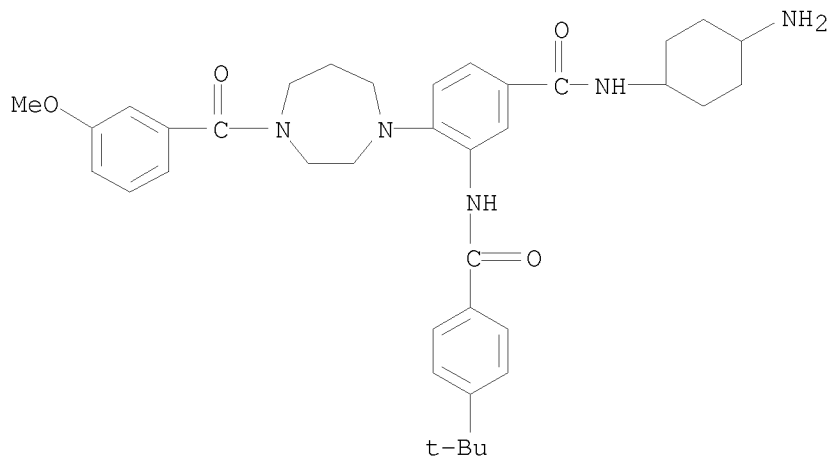
L18 ANSWER 318 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-21-0 REGISTRY
ED Entered STN: 18 Jul 2002
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INDEX NAME)
MF C36 H43 F2 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

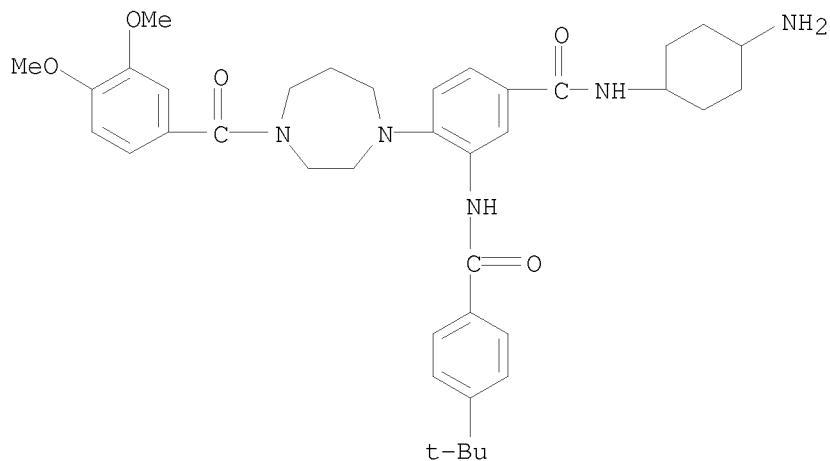
L18 ANSWER 319 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-20-9 REGISTRY
ED Entered STN: 18 Jul 2002
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MF C37 H47 N5 O4
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

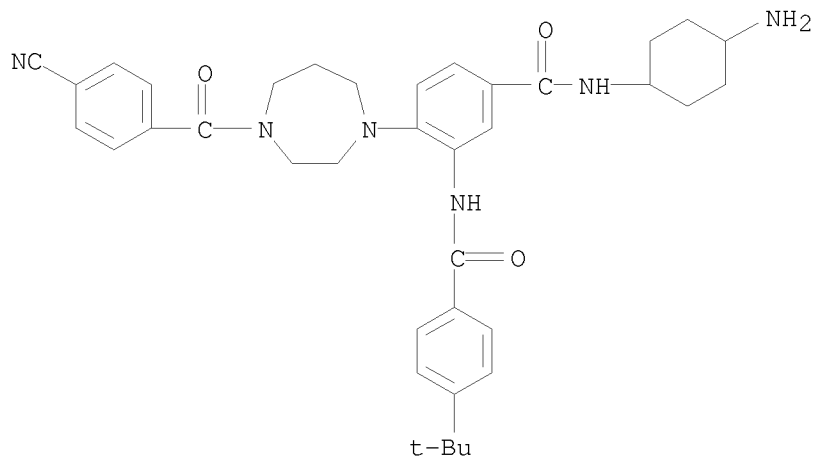
L18 ANSWER 320 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-18-5 REGISTRY
ED Entered STN: 18 Jul 2002
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INDEX NAME)
MF C38 H49 N5 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

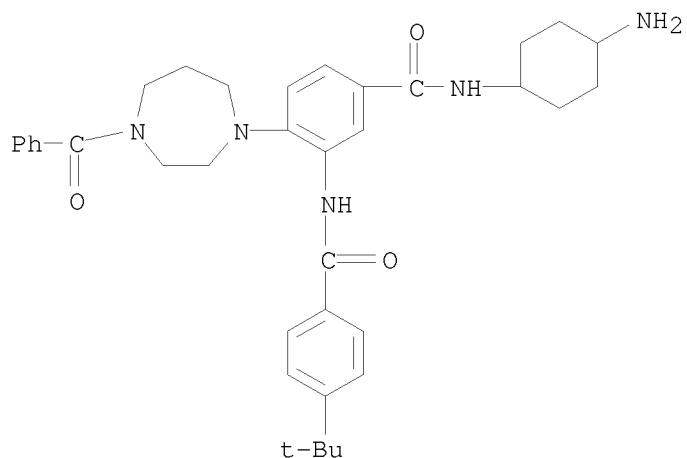
L18 ANSWER 321 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-17-4 REGISTRY
ED Entered STN: 18 Jul 2002
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INDEX NAME)
MF C37 H44 N6 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

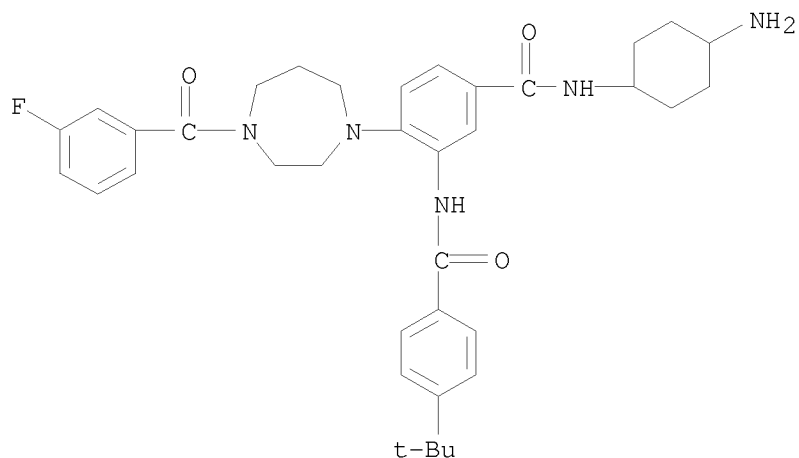
L18 ANSWER 322 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-16-3 REGISTRY
ED Entered STN: 18 Jul 2002
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NAME)
MF C36 H45 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

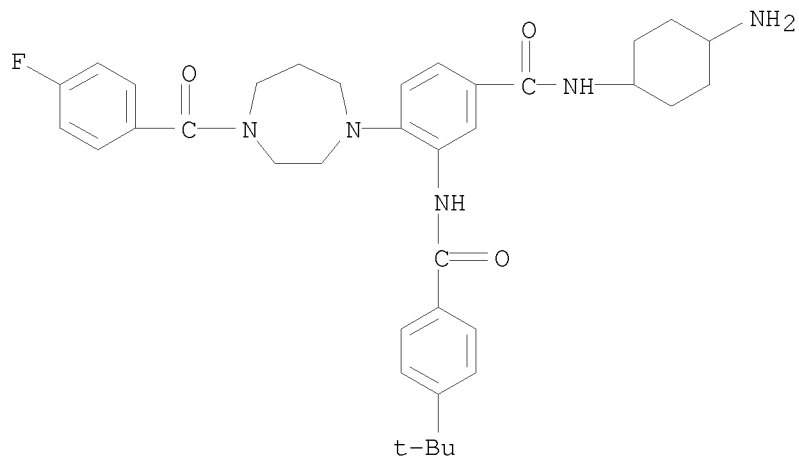
L18 ANSWER 323 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-15-2 REGISTRY
ED Entered STN: 18 Jul 2002
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MF C36 H44 F N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

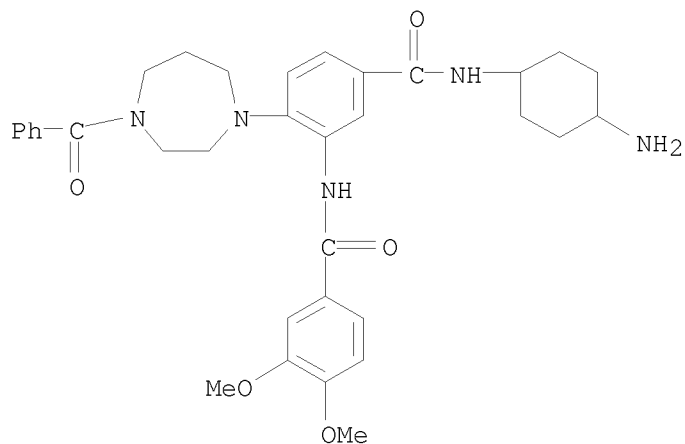
L18 ANSWER 324 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-13-0 REGISTRY
ED Entered STN: 18 Jul 2002
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MF C36 H44 F N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

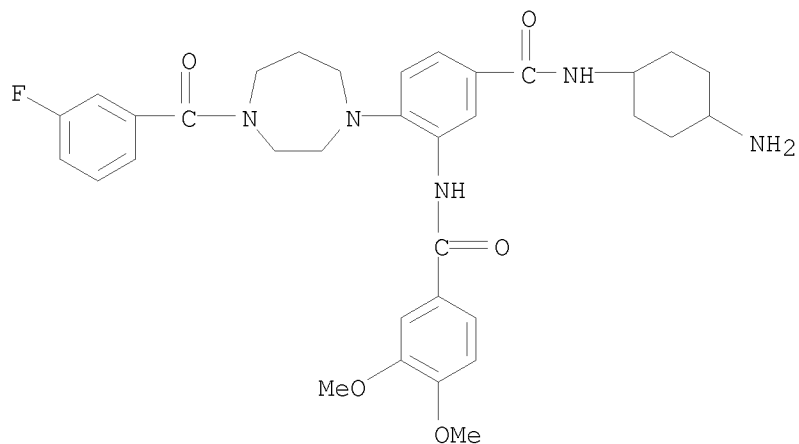
L18 ANSWER 305 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-39-0 REGISTRY
ED Entered STN: 18 Jul 2002
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MF C34 H41 N5 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

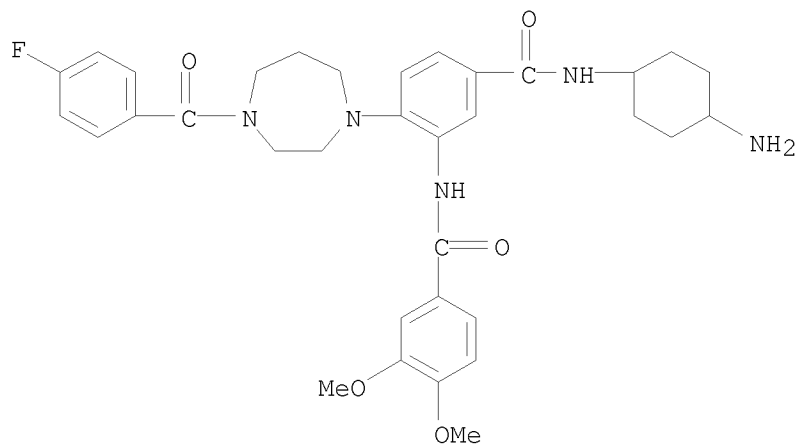
L18 ANSWER 306 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-38-9 REGISTRY
ED Entered STN: 18 Jul 2002
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MF C34 H40 F N5 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

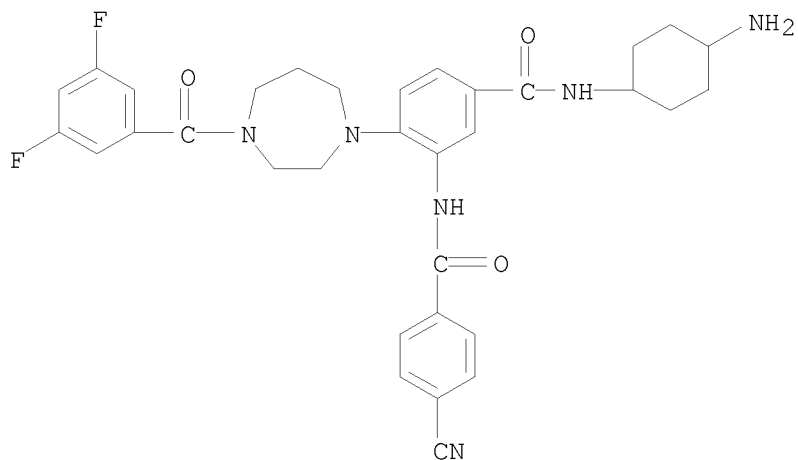
L18 ANSWER 307 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-36-7 REGISTRY
ED Entered STN: 18 Jul 2002
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MF C34 H40 F N5 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

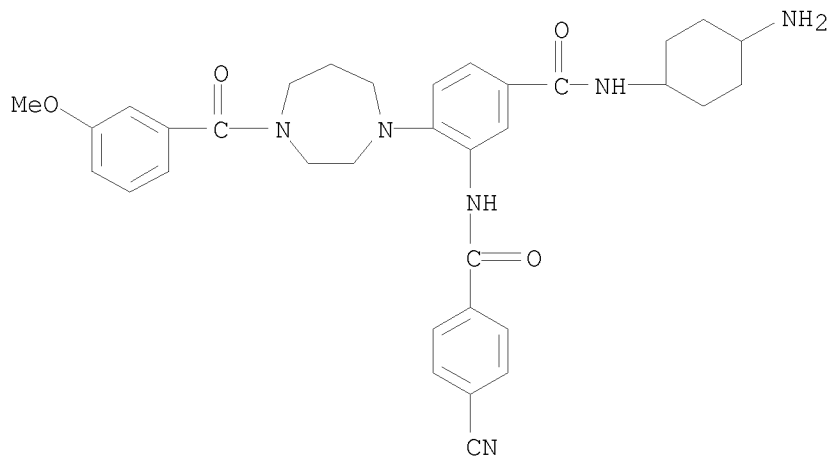
L18 ANSWER 308 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-35-6 REGISTRY
ED Entered STN: 18 Jul 2002
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MF C33 H34 F2 N6 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

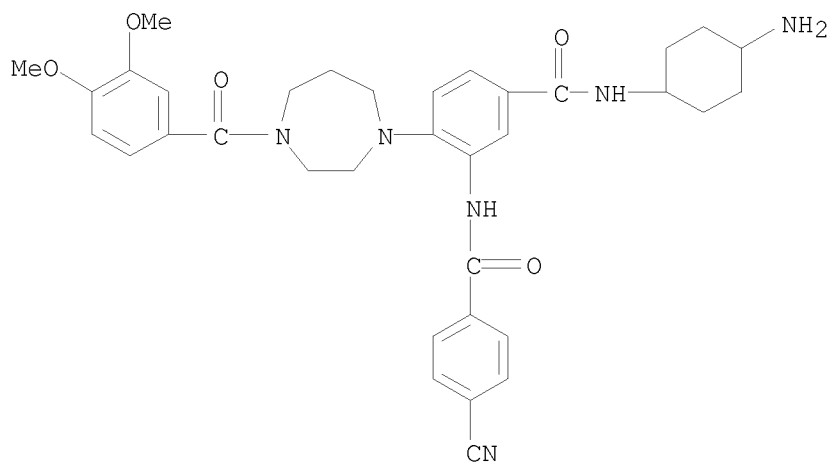
L18 ANSWER 309 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-34-5 REGISTRY
ED Entered STN: 18 Jul 2002
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NAME)
MF C34 H38 N6 O4
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

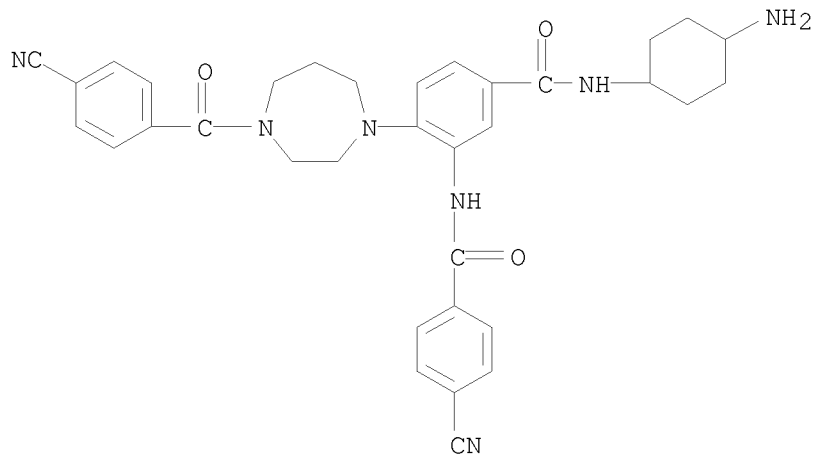
L18 ANSWER 310 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-32-3 REGISTRY
ED Entered STN: 18 Jul 2002
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MF C35 H40 N6 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

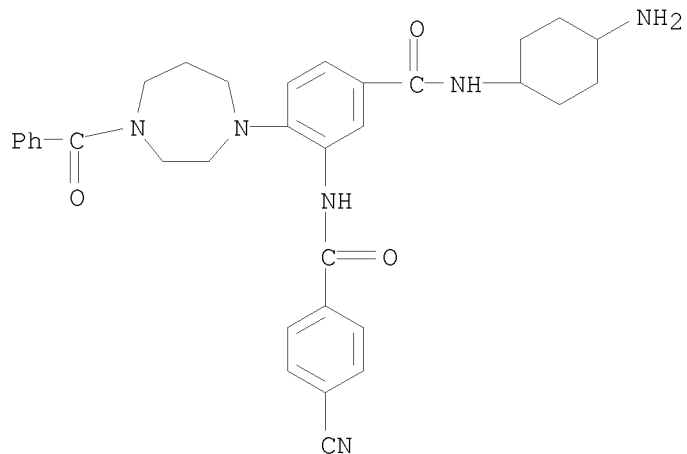
L18 ANSWER 311 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-31-2 REGISTRY
ED Entered STN: 18 Jul 2002
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MF C34 H35 N7 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

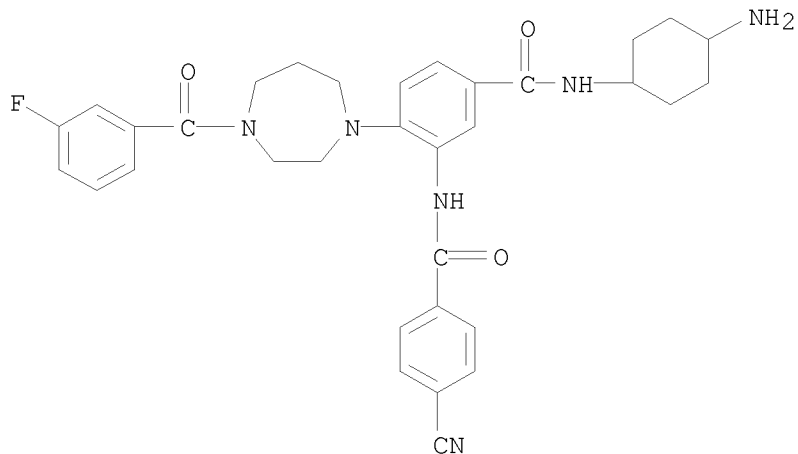
L18 ANSWER 312 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-30-1 REGISTRY
ED Entered STN: 18 Jul 2002
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MF C33 H36 N6 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

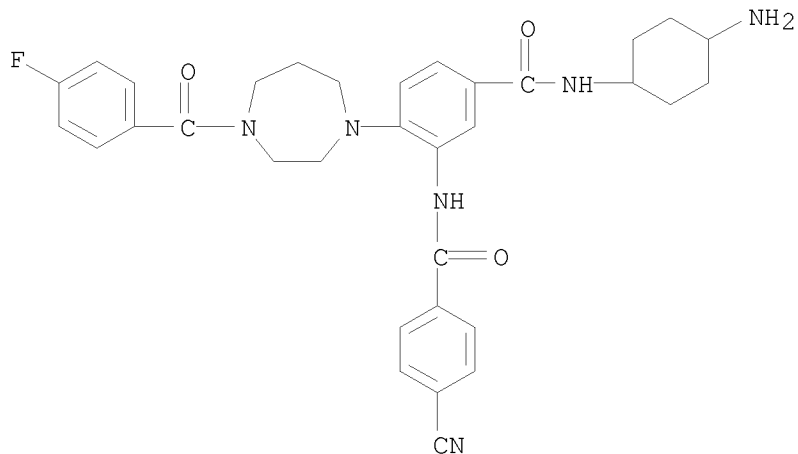
L18 ANSWER 313 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-29-8 REGISTRY
ED Entered STN: 18 Jul 2002
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MF C33 H35 F N6 O3
SR Chemical Library
Supplier: Ambinter



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10/576,492

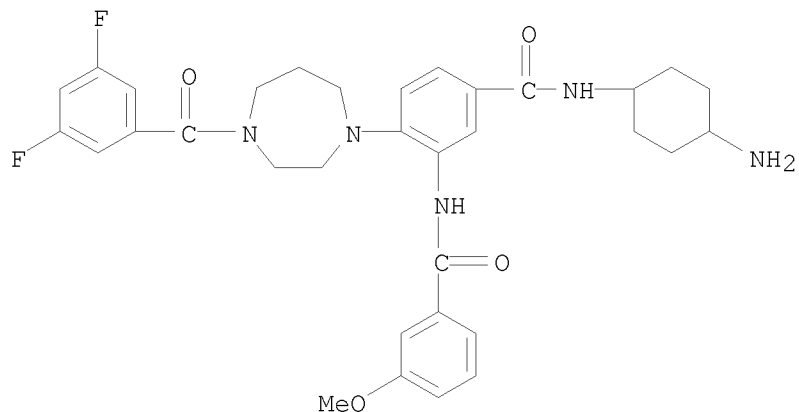
L18 ANSWER 314 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-27-6 REGISTRY
ED Entered STN: 18 Jul 2002
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MF C33 H35 F N6 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

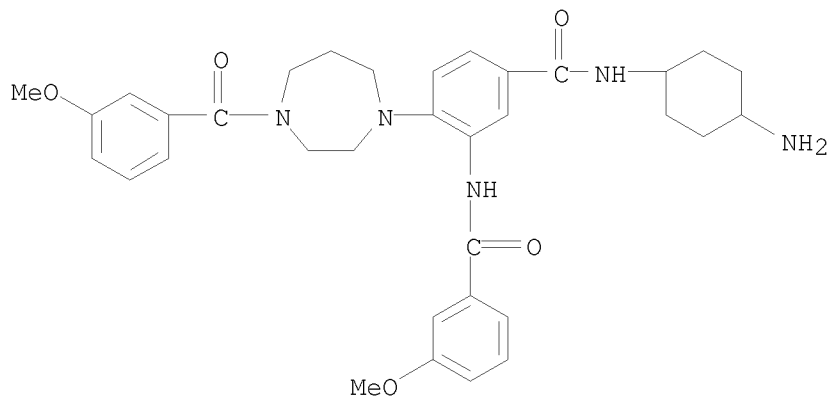
L18 ANSWER 295 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-51-6 REGISTRY
ED Entered STN: 18 Jul 2002
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MF C33 H37 F2 N5 O4
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

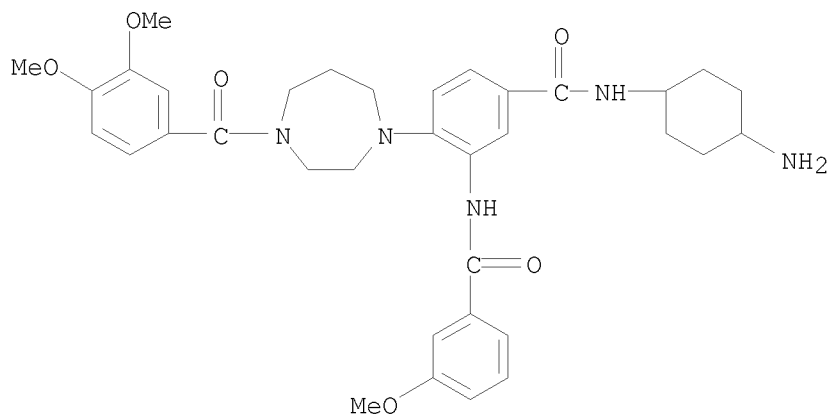
L18 ANSWER 296 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-50-5 REGISTRY
ED Entered STN: 18 Jul 2002
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MF C34 H41 N5 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

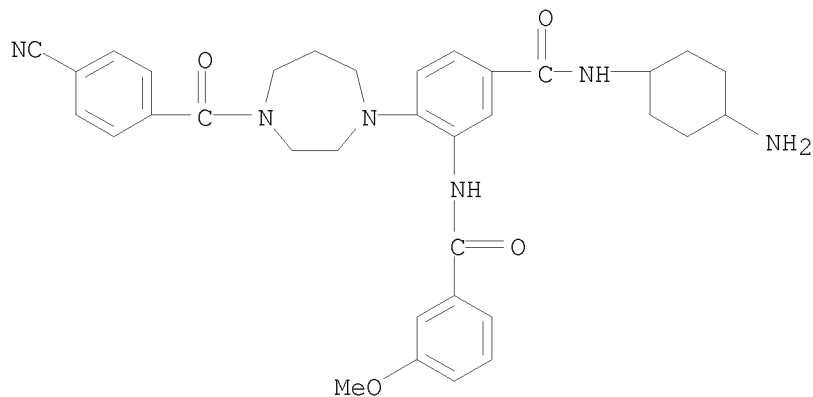
L18 ANSWER 297 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-49-2 REGISTRY
ED Entered STN: 18 Jul 2002
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MF C35 H43 N5 O6
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

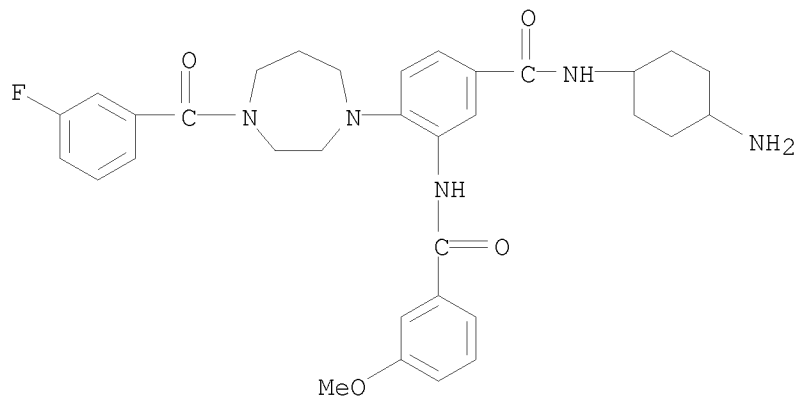
L18 ANSWER 298 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-48-1 REGISTRY
ED Entered STN: 18 Jul 2002
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MF C34 H38 N6 O4
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

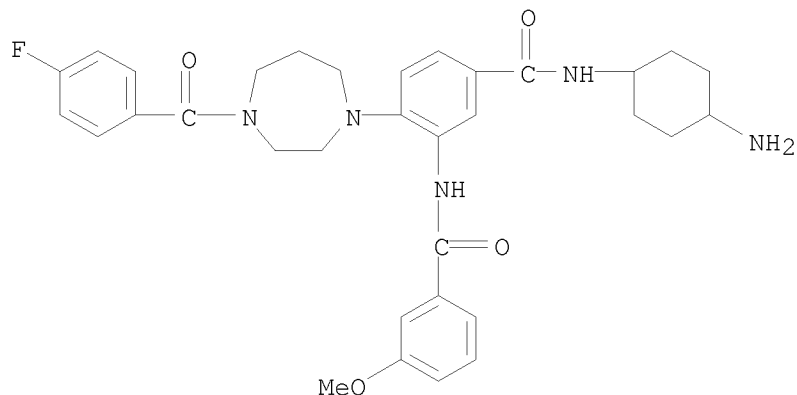
L18 ANSWER 299 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-47-0 REGISTRY
ED Entered STN: 18 Jul 2002
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MF C33 H38 F N5 O4
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

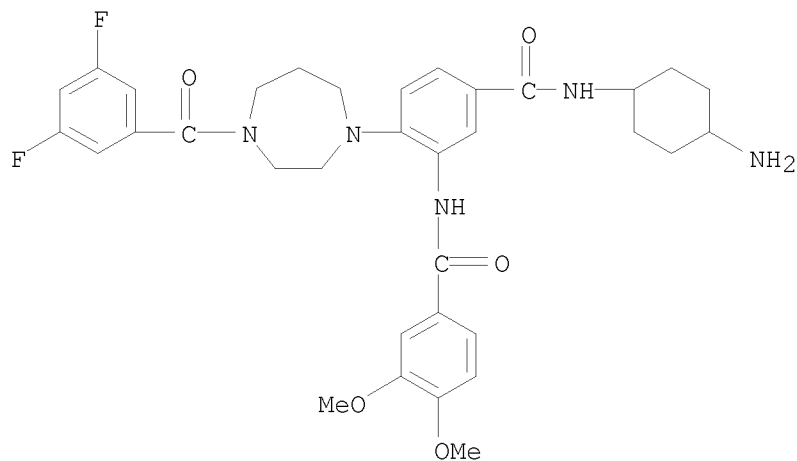
L18 ANSWER 300 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-45-8 REGISTRY
ED Entered STN: 18 Jul 2002
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MF C33 H38 F N5 O4
SR Chemical Library
Supplier: Ambinter



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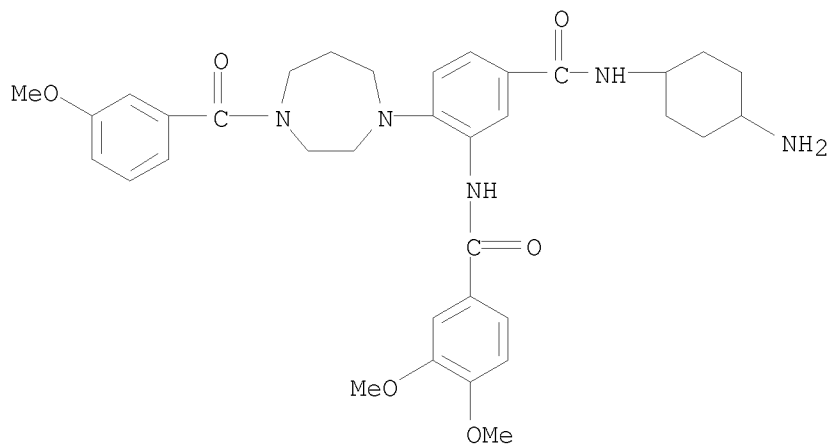
L18 ANSWER 301 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-44-7 REGISTRY
ED Entered STN: 18 Jul 2002
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MF C34 H39 F2 N5 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

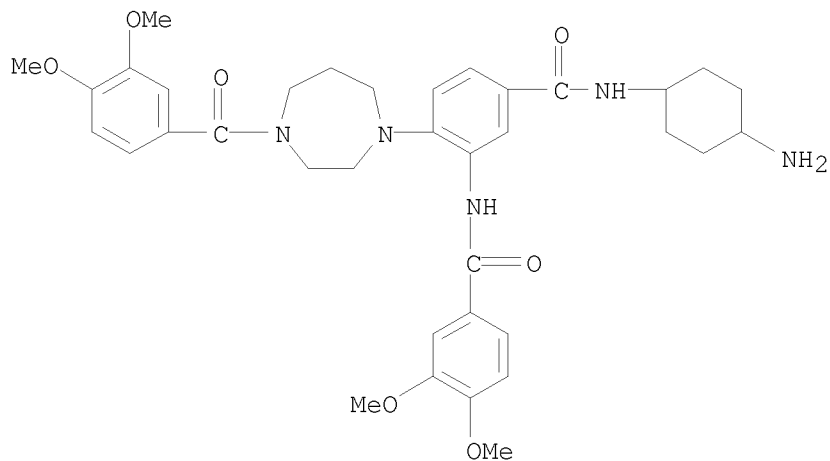
L18 ANSWER 302 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-43-6 REGISTRY
ED Entered STN: 18 Jul 2002
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MF C35 H43 N5 O6
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

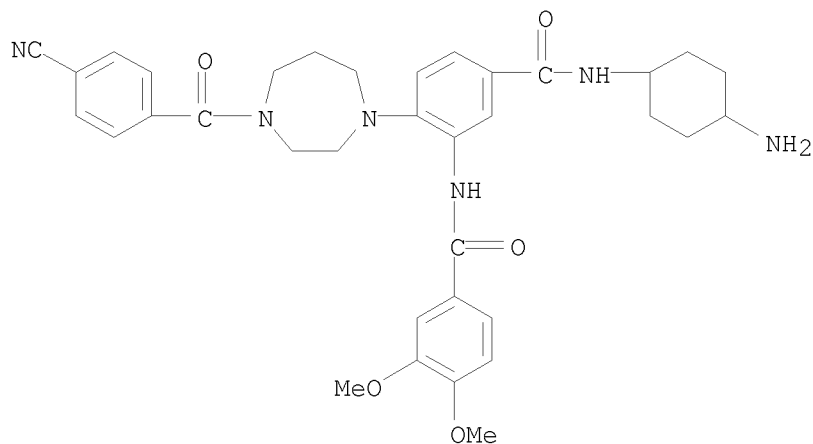
L18 ANSWER 303 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-41-4 REGISTRY
ED Entered STN: 18 Jul 2002
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MF C36 H45 N5 O7
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

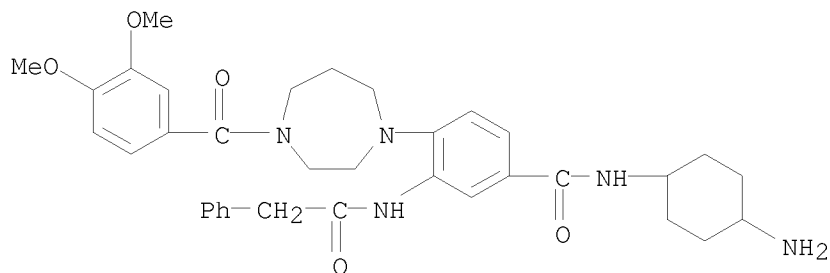
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RN 439244-40-3 REGISTRY
ED Entered STN: 18 Jul 2002
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MF C35 H40 N6 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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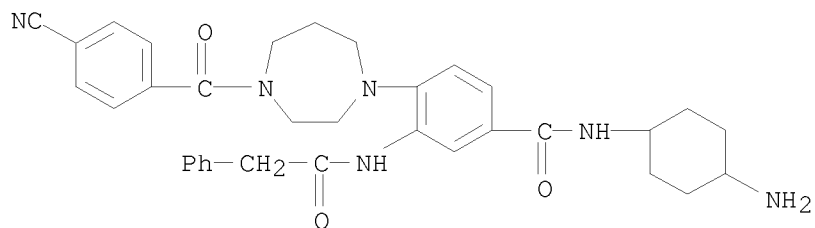
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RN 439244-66-3 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzeneacetamide, N-[5-[[[(4-aminocyclohexyl)amino]carbonyl]-2-[4-(3,4-dimethoxybenzoyl)hexahydro-1H-1,4-diazepin-1-yl]phenyl]- (CA INDEX NAME)
MF C35 H43 N5 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

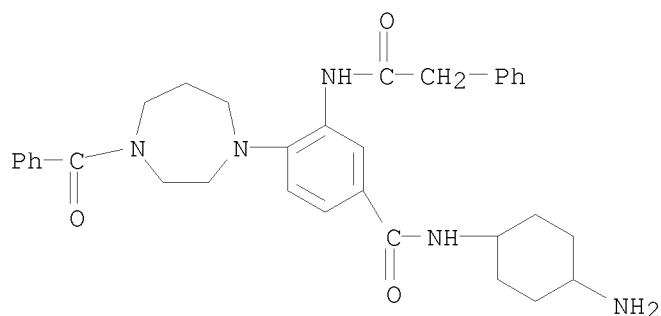
L18 ANSWER 286 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-65-2 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzeneacetamide, N-[5-[[[(4-aminocyclohexyl)amino]carbonyl]-2-[4-(4-cyanobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]phenyl]- (CA INDEX NAME)
MF C34 H38 N6 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

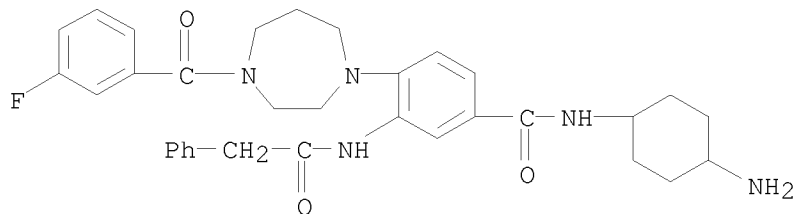
L18 ANSWER 287 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-64-1 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzeneacetamide, N-[5-[[[(4-aminocyclohexyl)amino]carbonyl]-2-(4-benzoylhexahydro-1H-1,4-diazepin-1-yl)phenyl]- (CA INDEX NAME)
MF C33 H39 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

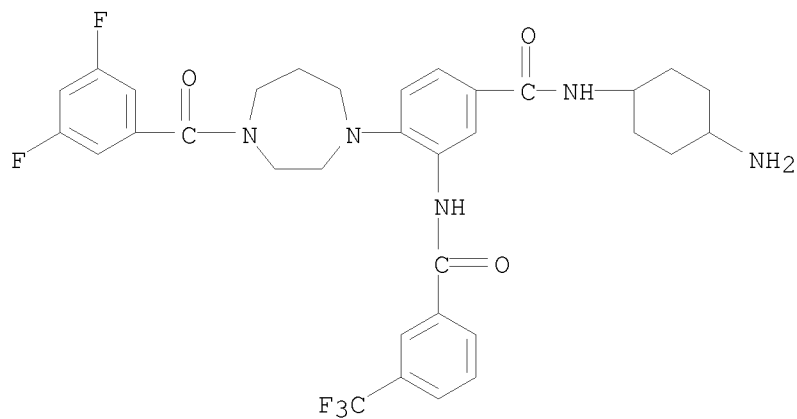
L18 ANSWER 288 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-63-0 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzeneacetamide, N-[5-[[[(4-aminocyclohexyl)amino]carbonyl]-2-[4-(3-fluorobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]phenyl]- (CA INDEX NAME)
MF C33 H38 F N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

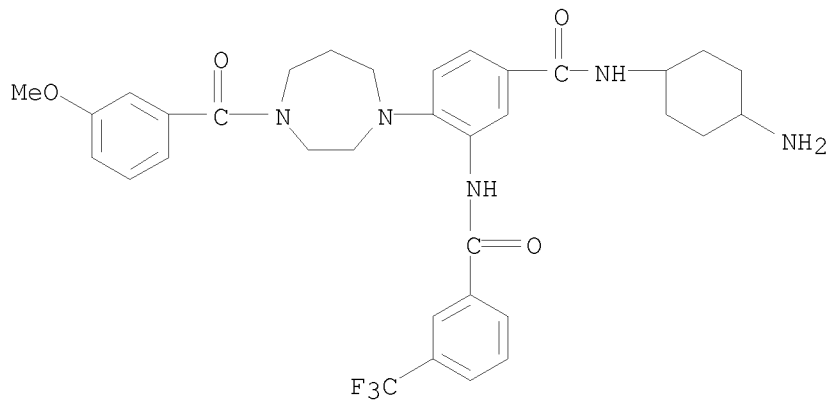
L18 ANSWER 289 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-61-8 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-4-[4-(3,5-difluorobenzoyl)hexahydro-
1H-1,4-diazepin-1-yl]-3-[[3-(trifluoromethyl)benzoyl]amino]- (CA
INDEX NAME)
MF C33 H34 F5 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

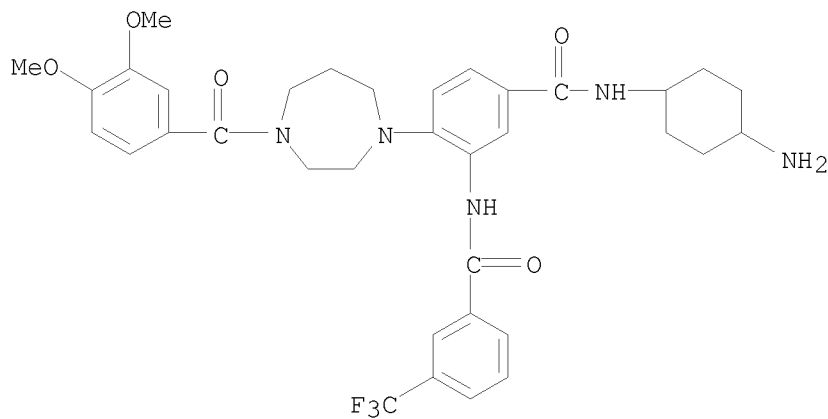
L18 ANSWER 290 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-60-7 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-4-[hexahydro-4-(3-methoxybenzoyl)-1H-
1,4-diazepin-1-yl]-3-[[3-(trifluoromethyl)benzoyl]amino]- (CA INDEX
NAME)
MF C34 H38 F3 N5 O4
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

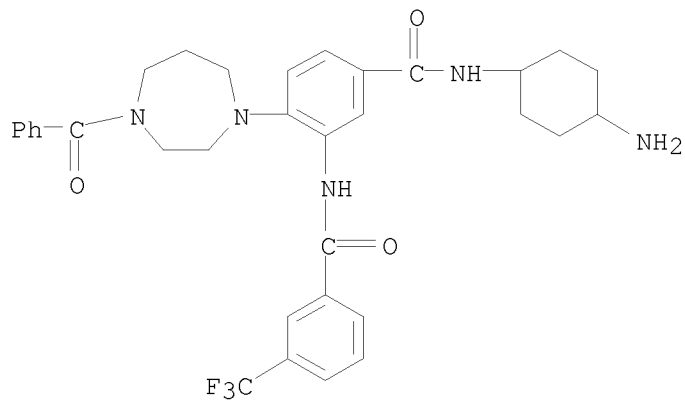
L18 ANSWER 291 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-58-3 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-4-[4-(3,4-dimethoxybenzoyl)hexahydro-
1H-1,4-diazepin-1-yl]-3-[[3-(trifluoromethyl)benzoyl]amino]- (CA
INDEX NAME)
MF C35 H40 F3 N5 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

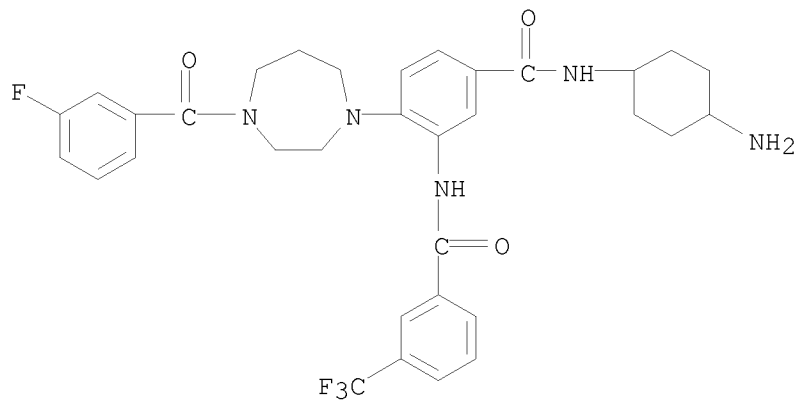
L18 ANSWER 292 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-56-1 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-4-(4-benzoylhexahydro-1H-1,4-
diazepin-1-yl)-3-[[3-(trifluoromethyl)benzoyl]amino]- (CA INDEX
NAME)
MF C33 H36 F3 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

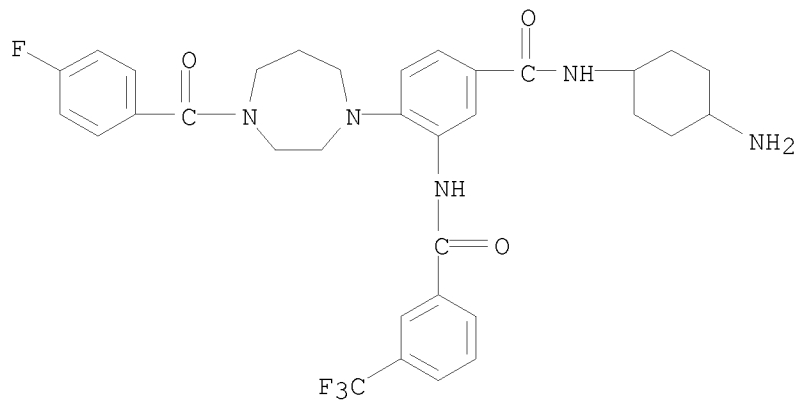
L18 ANSWER 293 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-54-9 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-4-[4-(3-fluorobenzoyl)hexahydro-1H-
1,4-diazepin-1-yl]-3-[[3-(trifluoromethyl)benzoyl]amino]- (CA INDEX
NAME)
MF C33 H35 F4 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

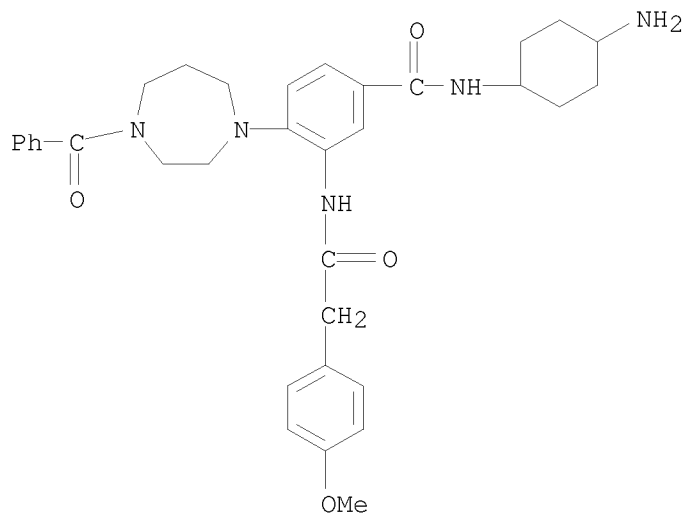
L18 ANSWER 294 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-52-7 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-4-[4-(4-fluorobenzoyl)hexahydro-1H-
1,4-diazepin-1-yl]-3-[[3-(trifluoromethyl)benzoyl]amino]- (CA INDEX
NAME)
MF C33 H35 F4 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

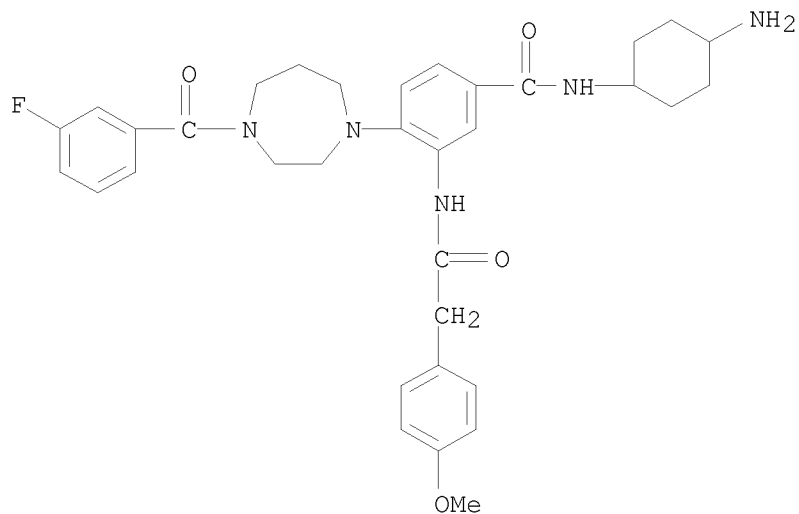
L18 ANSWER 275 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-80-1 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzeneacetamide, N-[5-[[[(4-aminocyclohexyl)amino]carbonyl]-2-(4-benzoylhexahydro-1H-1,4-diazepin-1-yl)phenyl]-4-methoxy- (CA INDEX NAME)
MF C34 H41 N5 O4
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

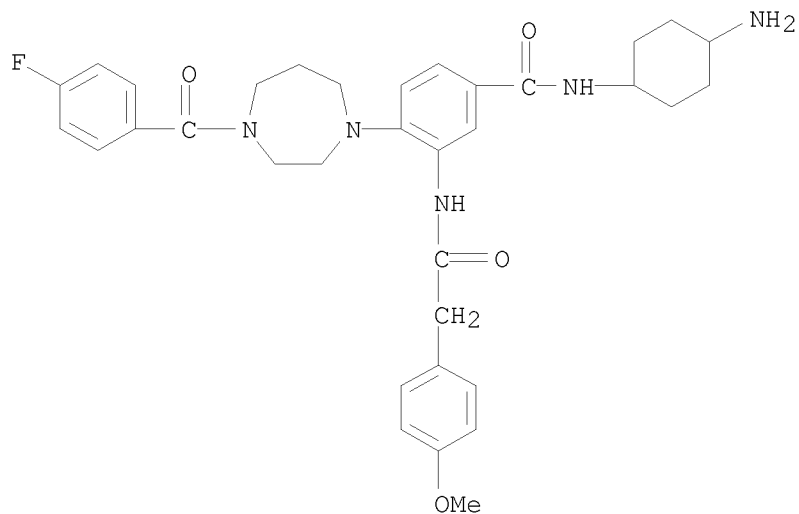
L18 ANSWER 276 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-79-8 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzeneacetamide, N-[5-[[[(4-aminocyclohexyl)amino]carbonyl]-2-[4-(3-fluorobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]phenyl]-4-methoxy- (CA INDEX NAME)
MF C34 H40 F N5 O4
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

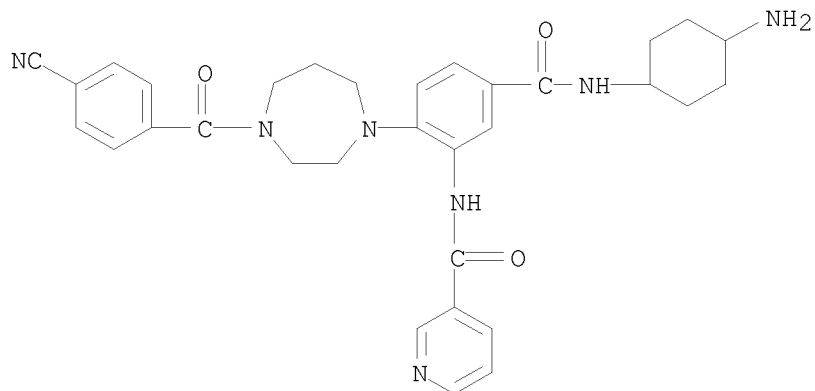
L18 ANSWER 277 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-77-6 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzeneacetamide, N-[5-[[[(4-aminocyclohexyl)amino]carbonyl]-2-[4-(4-fluorobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]phenyl]-4-methoxy- (CA INDEX NAME)
MF C34 H40 F N5 O4
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

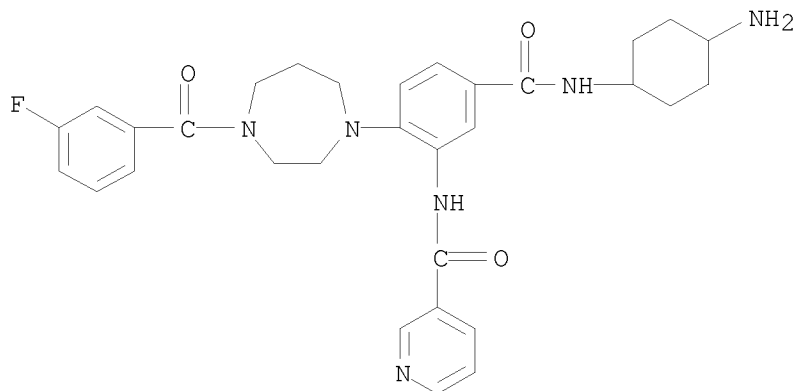
L18 ANSWER 278 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-76-5 REGISTRY
ED Entered STN: 18 Jul 2002
CN 3-Pyridinecarboxamide, N-[5-[[(4-aminocyclohexyl)amino]carbonyl]-2-[4-(4-cyanobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]phenyl]- (CA INDEX NAME)
MF C32 H35 N7 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

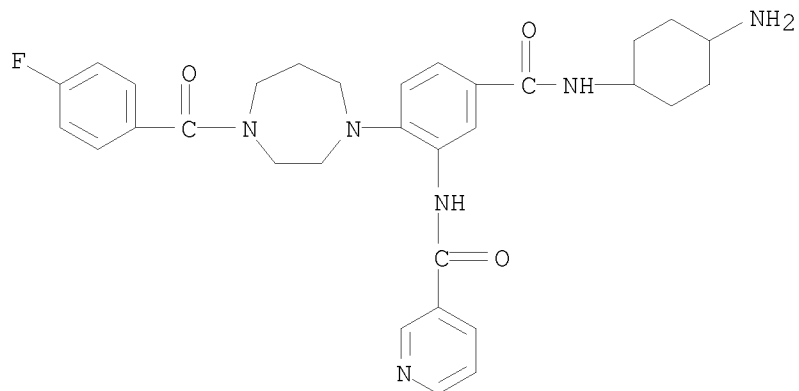
L18 ANSWER 279 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-74-3 REGISTRY
ED Entered STN: 18 Jul 2002
CN 3-Pyridinecarboxamide, N-[5-[[4-(aminocyclohexyl)amino]carbonyl]-2-[4-(3-fluorobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]phenyl]- (CA INDEX NAME)
MF C31 H35 F N6 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

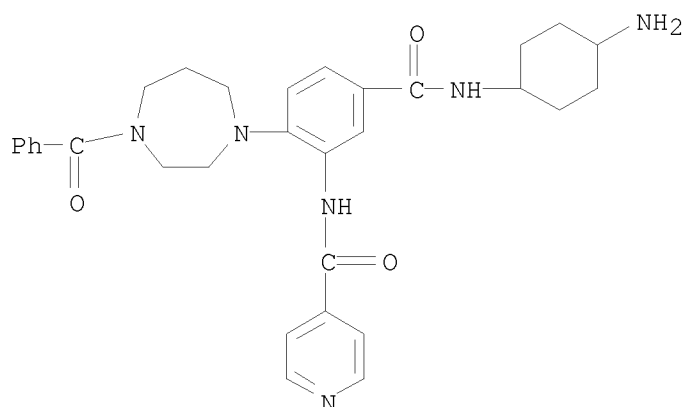
L18 ANSWER 280 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-72-1 REGISTRY
ED Entered STN: 18 Jul 2002
CN 3-Pyridinecarboxamide, N-[5-[[4-(aminocyclohexyl)amino]carbonyl]-2-[4-(4-fluorobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]phenyl]- (CA INDEX NAME)
MF C31 H35 F N6 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

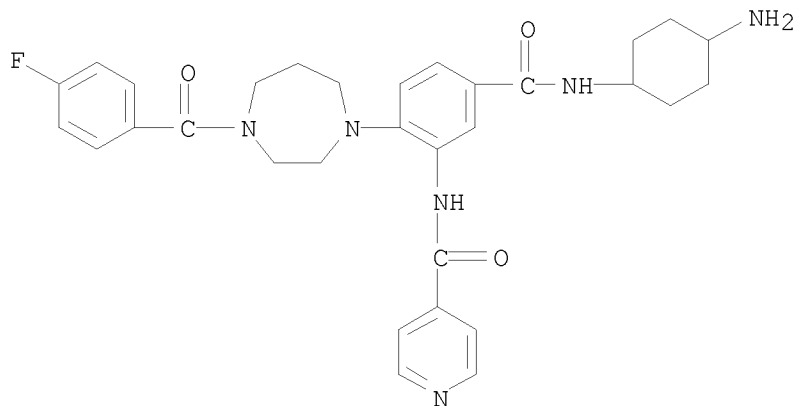
L18 ANSWER 281 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-71-0 REGISTRY
ED Entered STN: 18 Jul 2002
CN 4-Pyridinecarboxamide, N-[5-[[[4-aminocyclohexyl)amino]carbonyl]-2-(4-benzoylhexahydro-1H-1,4-diazepin-1-yl)phenyl]- (CA INDEX NAME)
MF C31 H36 N6 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

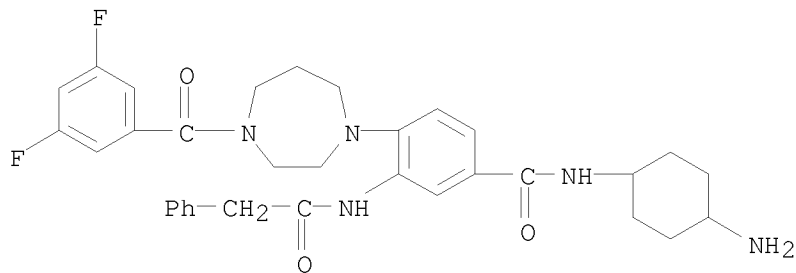
L18 ANSWER 282 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-70-9 REGISTRY
ED Entered STN: 18 Jul 2002
CN 4-Pyridinecarboxamide, N-[5-[[4-(aminocyclohexyl)amino]carbonyl]-2-[4-(4-fluorobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]phenyl]- (CA INDEX NAME)
MF C31 H35 F N6 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

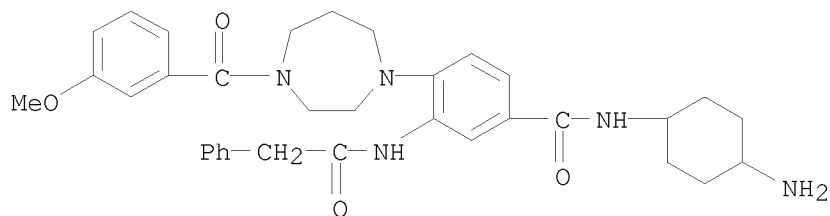
L18 ANSWER 283 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-69-6 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzeneacetamide, N-[5-[[[(4-aminocyclohexyl)amino]carbonyl]-2-[4-(3,5-difluorobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]phenyl]- (CA INDEX NAME)
MF C33 H37 F2 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

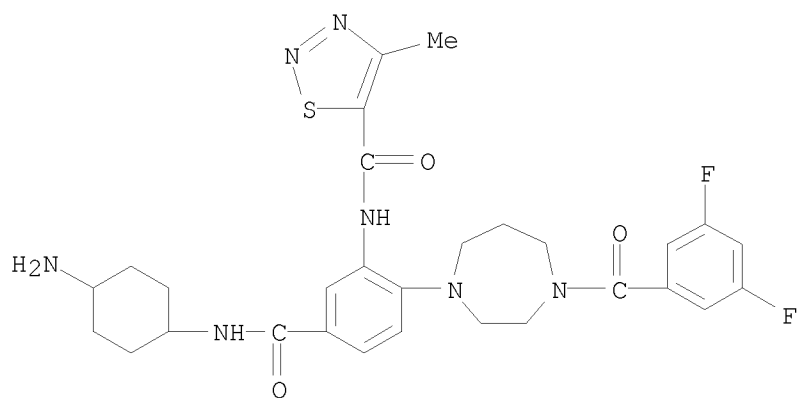
L18 ANSWER 284 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-68-5 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzeneacetamide, N-[5-[[[(4-aminocyclohexyl)amino]carbonyl]-2-[hexahydro-4-(3-methoxybenzoyl)-1H-1,4-diazepin-1-yl]phenyl]- (CA INDEX NAME)
MF C34 H41 N5 O4
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

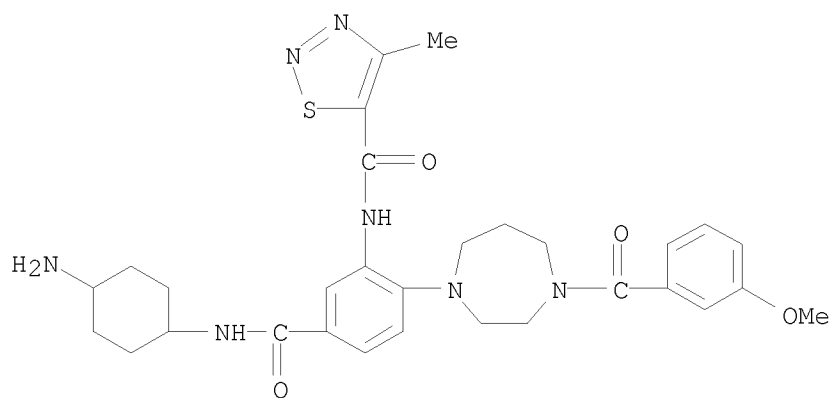
L18 ANSWER 265 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-93-6 REGISTRY
ED Entered STN: 18 Jul 2002
CN 1,2,3-Thiadiazole-5-carboxamide,
N-[5-[[(4-aminocyclohexyl)amino]carbonyl]-2-[4-(3,5-
difluorobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]phenyl]-4-methyl- (CA
INDEX NAME)
MF C29 H33 F2 N7 O3 S
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

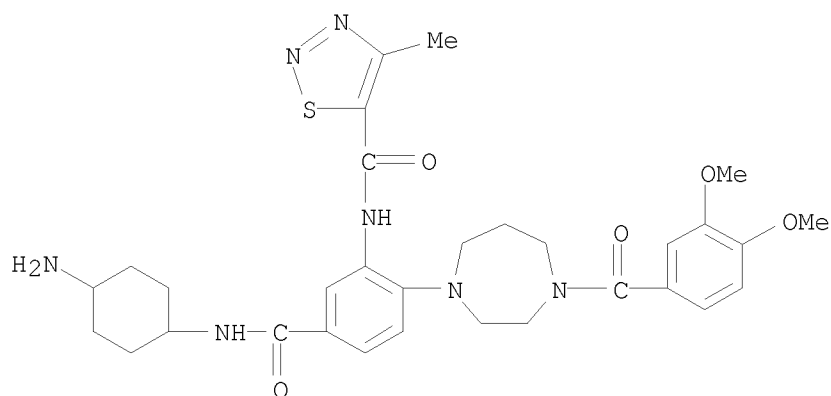
L18 ANSWER 266 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-92-5 REGISTRY
ED Entered STN: 18 Jul 2002
CN 1,2,3-Thiadiazole-5-carboxamide,
N-[5-[[(4-aminocyclohexyl) amino] carbonyl]-2-[hexahydro-4-(3-
methoxybenzoyl)-1H-1,4-diazepin-1-yl]phenyl]-4-methyl- (CA INDEX
NAME)
MF C30 H37 N7 O4 S
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

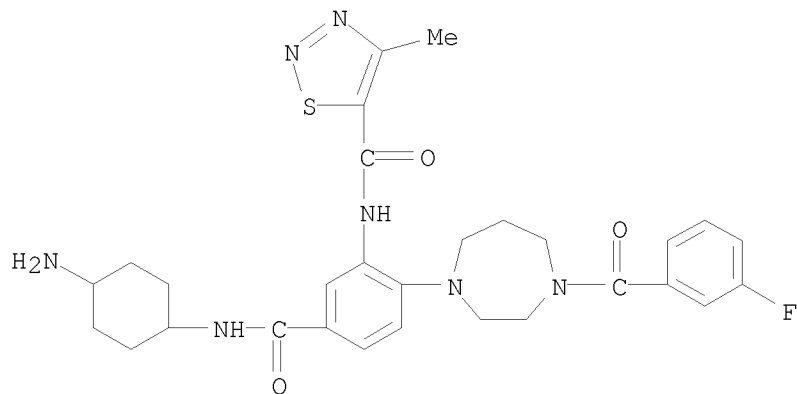
L18 ANSWER 267 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-91-4 REGISTRY
ED Entered STN: 18 Jul 2002
CN 1,2,3-Thiadiazole-5-carboxamide,
N-[5-[[(4-aminocyclohexyl)amino]carbonyl]-2-[4-(3,4-
dimethoxybenzoyl)hexahydro-1H-1,4-diazepin-1-yl]phenyl]-4-methyl-
(CA INDEX NAME)
MF C31 H39 N7 O5 S
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

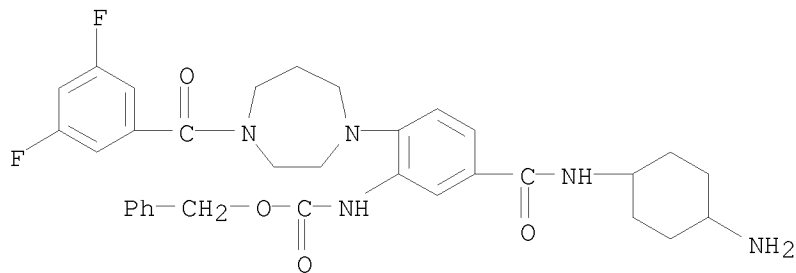
L18 ANSWER 268 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-90-3 REGISTRY
ED Entered STN: 18 Jul 2002
CN 1,2,3-Thiadiazole-5-carboxamide,
N-[5-[[(4-aminocyclohexyl)amino]carbonyl]-2-[4-(3-fluorobenzoyl)hexahydro-
1H-1,4-diazepin-1-yl]phenyl]-4-methyl- (CA INDEX NAME)
MF C29 H34 F N7 O3 S
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

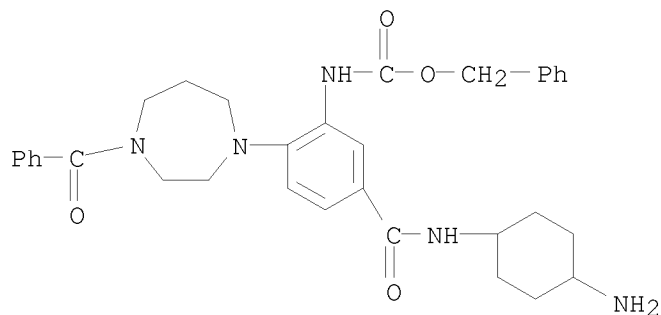
L18 ANSWER 269 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-89-0 REGISTRY
ED Entered STN: 18 Jul 2002
CN Carbamic acid, [5-[[[(4-aminocyclohexyl)amino]carbonyl]-2-[4-(3,5-difluorobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]phenyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)
MF C33 H37 F2 N5 O4
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

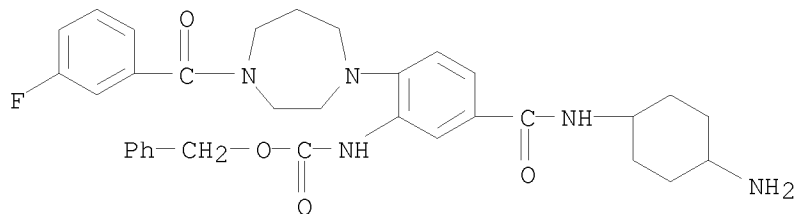
L18 ANSWER 270 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-88-9 REGISTRY
ED Entered STN: 18 Jul 2002
CN Carbamic acid, [5-[[[4-aminocyclohexyl)amino]carbonyl]-2-(4-benzoylhexahydro-1H-1,4-diazepin-1-yl)phenyl]-, phenylmethyl ester
(9CI) (CA INDEX NAME)
MF C33 H39 N5 O4
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

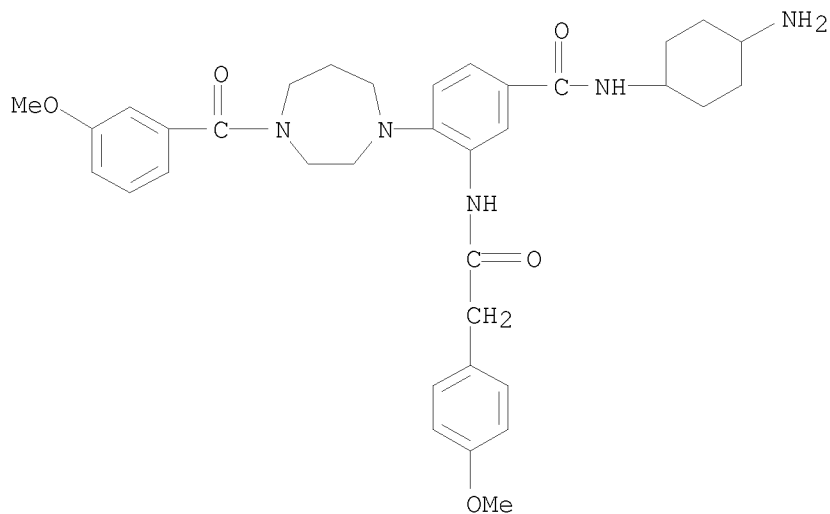
L18 ANSWER 271 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-87-8 REGISTRY
ED Entered STN: 18 Jul 2002
CN Carbamic acid, [5-[[[(4-aminocyclohexyl)amino]carbonyl]-2-[4-(3-fluorobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]phenyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)
MF C33 H38 F N5 O4
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

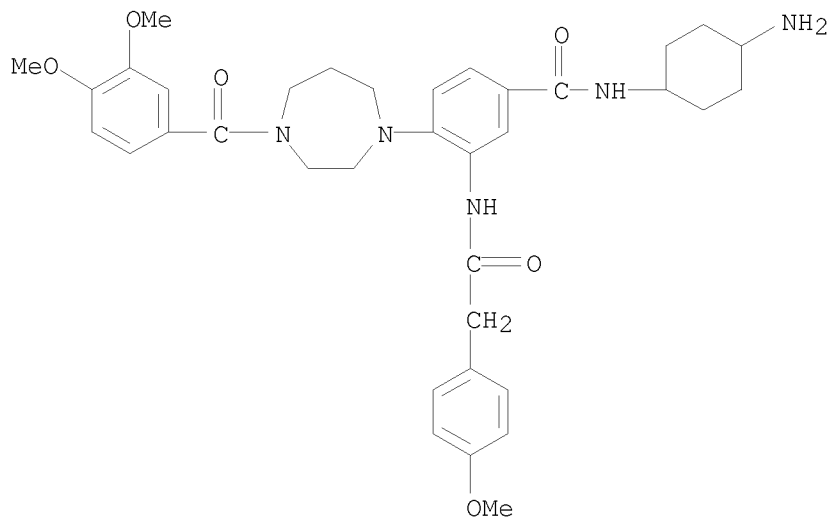
L18 ANSWER 272 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-85-6 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzeneacetamide, N-[5-[[[(4-aminocyclohexyl)amino]carbonyl]-2-[
[hexahydro-4-(3-methoxybenzoyl)-1H-1,4-diazepin-1-yl]phenyl]-4-methoxy-
(CA INDEX NAME)
MF C35 H43 N5 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

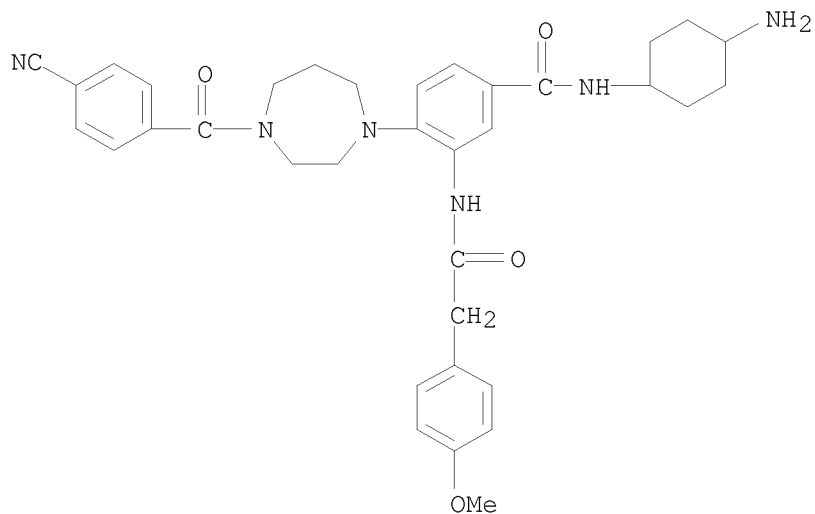
L18 ANSWER 273 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-83-4 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzeneacetamide, N-[5-[[(4-aminocyclohexyl)amino]carbonyl]-2-[4-(3,4-
dimethoxybenzoyl)hexahydro-1H-1,4-diazepin-1-yl]phenyl]-4-methoxy-
(CA INDEX NAME)
MF C36 H45 N5 O6
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

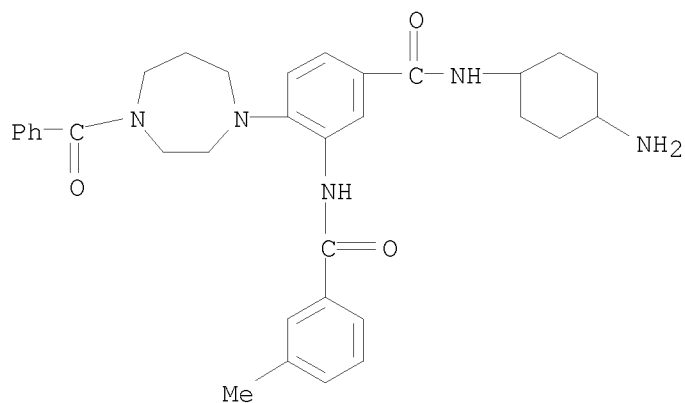
L18 ANSWER 274 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-82-3 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzeneacetamide, N-[5-[[[(4-aminocyclohexyl)amino]carbonyl]-2-[4-(4-cyanobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]phenyl]-4-methoxy- (CA INDEX NAME)
MF C35 H40 N6 O4
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

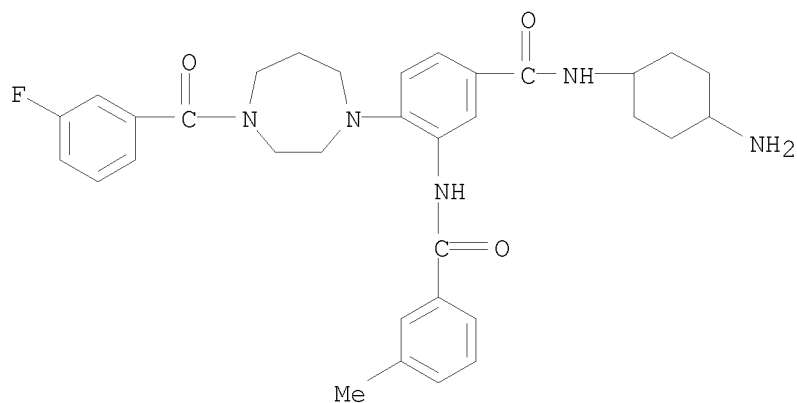
L18 ANSWER 255 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439245-07-5 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-4-(4-benzoylhexahydro-1H-1,4-
diazepin-1-yl)-3-[(3-methylbenzoyl)amino]- (CA INDEX NAME)
MF C33 H39 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

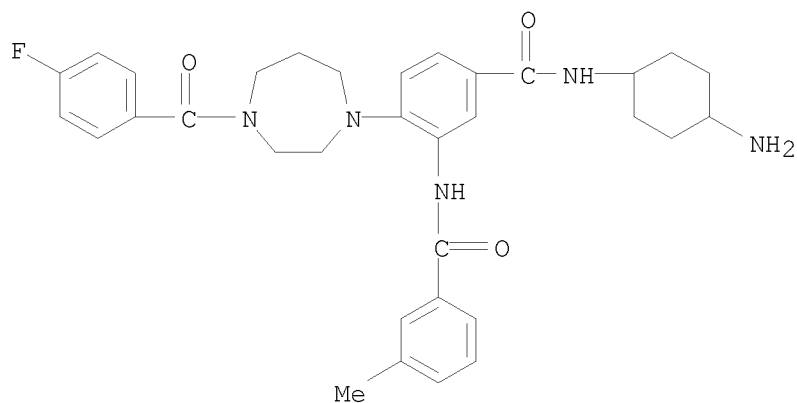
L18 ANSWER 256 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439245-06-4 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-4-[4-(3-fluorobenzoyl)hexahydro-1H-
1,4-diazepin-1-yl]-3-[(3-methylbenzoyl)amino]- (CA INDEX NAME)
MF C33 H38 F N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

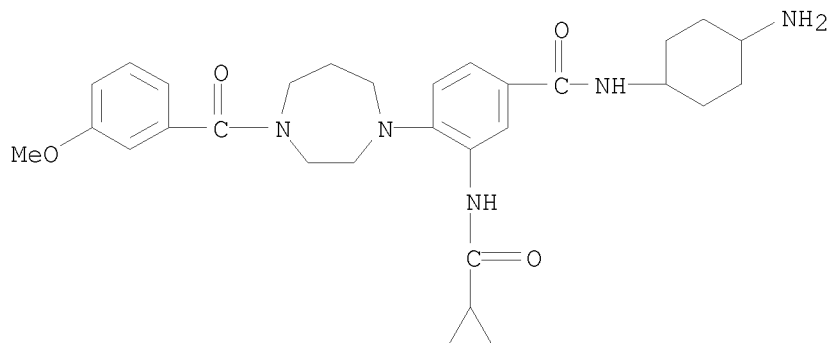
L18 ANSWER 257 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439245-04-2 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-4-[4-(4-fluorobenzoyl)hexahydro-1H-
1,4-diazepin-1-yl]-3-[(3-methylbenzoyl)amino]- (CA INDEX NAME)
MF C33 H38 F N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

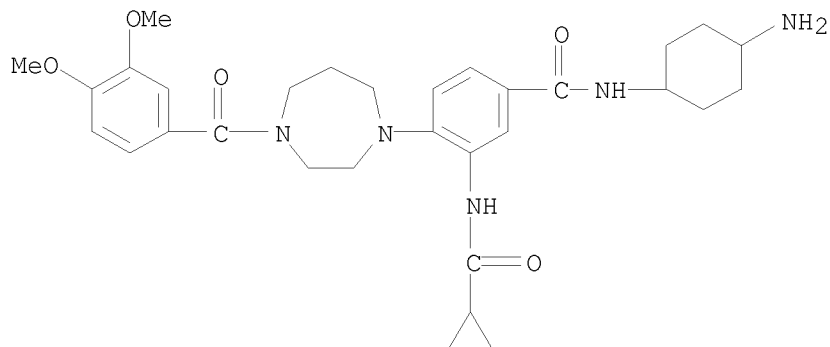
L18 ANSWER 258 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439245-03-1 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-3-[(cyclopropylcarbonyl)amino]-4-[hexahydro-4-(3-methoxybenzoyl)-1H-1,4-diazepin-1-yl]- (CA INDEX NAME)
MF C30 H39 N5 O4
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

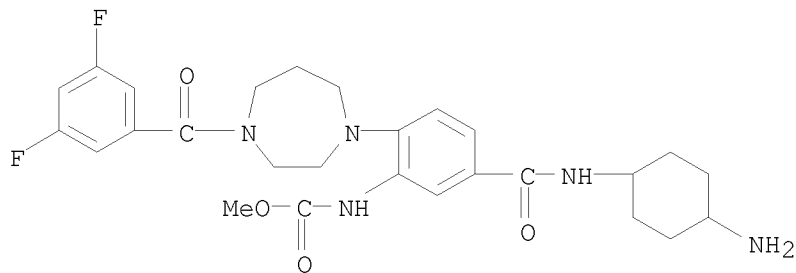
L18 ANSWER 259 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439245-02-0 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-3-[(cyclopropylcarbonyl)amino]-4-[4-(3,4-dimethoxybenzoyl)hexahydro-1H-1,4-diazepin-1-yl]- (CA INDEX NAME)
MF C31 H41 N5 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

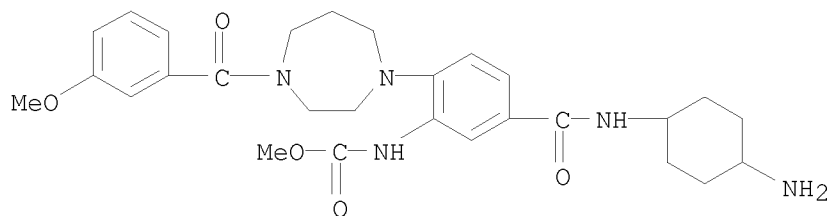
L18 ANSWER 260 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439245-00-8 REGISTRY
ED Entered STN: 18 Jul 2002
CN Carbamic acid, [5-[[[(4-aminocyclohexyl)amino]carbonyl]-2-[4-(3,5-difluorobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]phenyl]-, methyl ester (9CI) (CA INDEX NAME)
MF C27 H33 F2 N5 O4
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

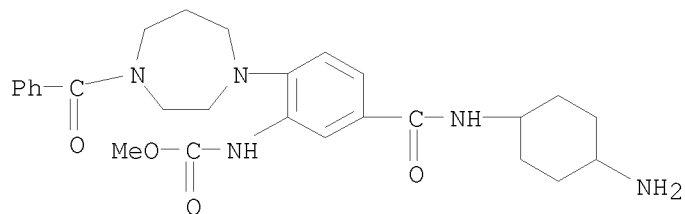
L18 ANSWER 261 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-99-2 REGISTRY
ED Entered STN: 18 Jul 2002
CN Carbamic acid, [5-[[[4-(aminocyclohexyl)amino]carbonyl]-2-[hexahydro-4-(3-methoxybenzoyl)-1H-1,4-diazepin-1-yl]phenyl]-, methyl ester (9CI)
(CA INDEX NAME)
MF C28 H37 N5 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

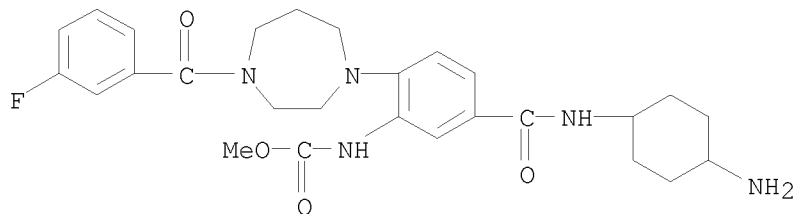
L18 ANSWER 262 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-97-0 REGISTRY
ED Entered STN: 18 Jul 2002
CN Carbamic acid, [5-[[[(4-aminocyclohexyl)amino]carbonyl]-2-(4-benzoylhexahydro-1H-1,4-diazepin-1-yl)phenyl]-, methyl ester (9CI)
(CA INDEX NAME)
MF C27 H35 N5 O4
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

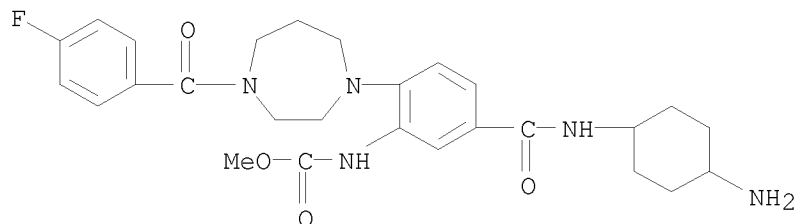
L18 ANSWER 263 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-96-9 REGISTRY
ED Entered STN: 18 Jul 2002
CN Carbamic acid, [5-[[[(4-aminocyclohexyl)amino]carbonyl]-2-[4-(3-fluorobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]phenyl]-, methyl ester
(9CI) (CA INDEX NAME)
MF C27 H34 F N5 O4
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

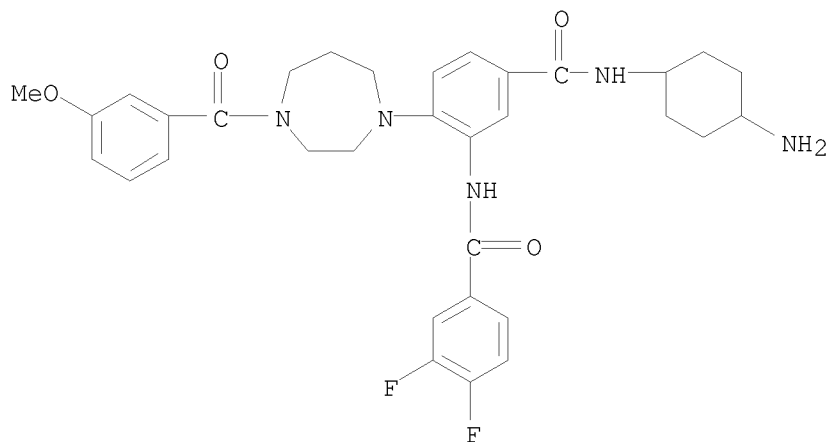
L18 ANSWER 264 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439244-94-7 REGISTRY
ED Entered STN: 18 Jul 2002
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(9CI) (CA INDEX NAME)
MF C27 H34 F N5 O4
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

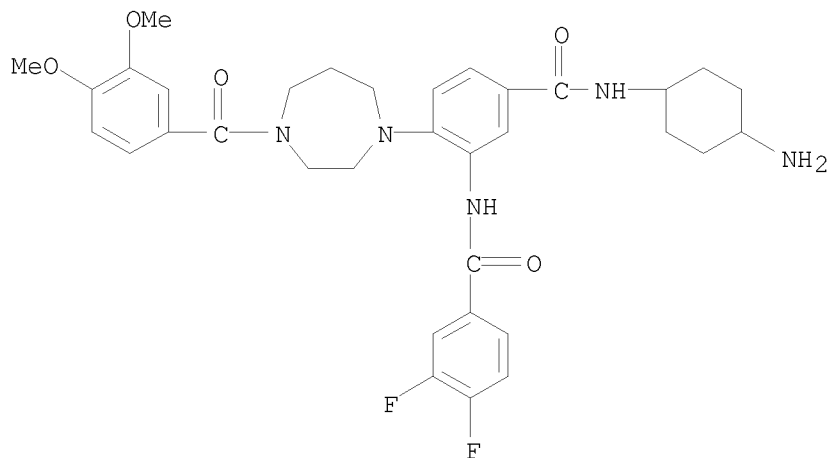
L18 ANSWER 245 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439245-20-2 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-[5-[[[(4-aminocyclohexyl)amino]carbonyl]-2-[hexahydro-4-(3-methoxybenzoyl)-1H-1,4-diazepin-1-yl]phenyl]-3,4-difluoro- (CA INDEX NAME)
MF C33 H37 F2 N5 O4
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

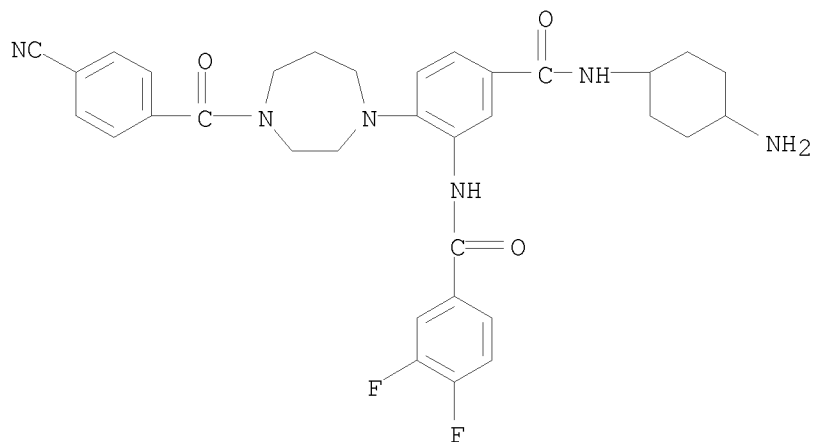
L18 ANSWER 246 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439245-18-8 REGISTRY
ED Entered STN: 18 Jul 2002
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dimethoxybenzoyl)hexahydro-1H-1,4-diazepin-1-yl]phenyl]-3,4-difluoro-
(CA INDEX NAME)
MF C34 H39 F2 N5 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

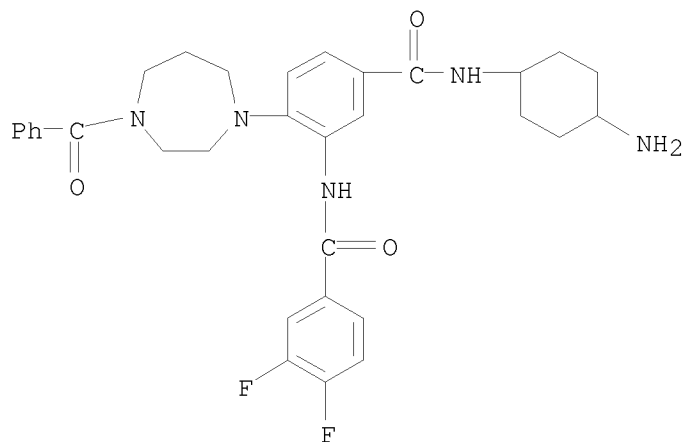
L18 ANSWER 247 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439245-17-7 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-[5-[[[(4-aminocyclohexyl)amino]carbonyl]-2-[4-(4-cyanobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]phenyl]-3,4-difluoro-
(CA INDEX NAME)
MF C33 H34 F2 N6 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

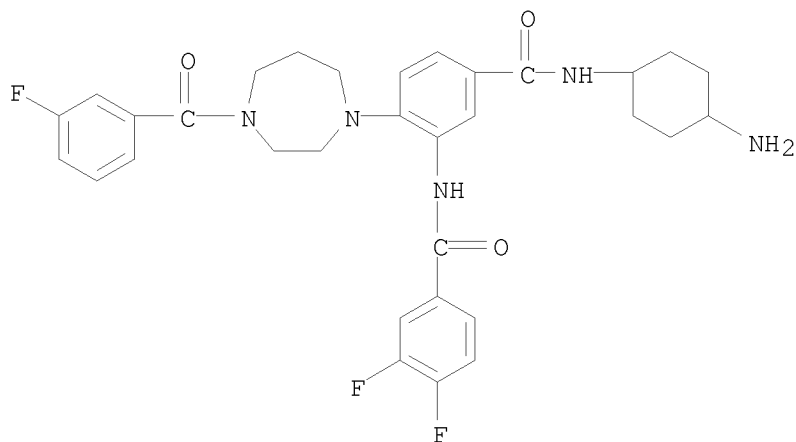
L18 ANSWER 248 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439245-16-6 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-[5-[[(4-aminocyclohexyl)amino]carbonyl]-2-(4-benzoylhexahydro-1H-1,4-diazepin-1-yl)phenyl]-3,4-difluoro- (CA INDEX NAME)
MF C32 H35 F2 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

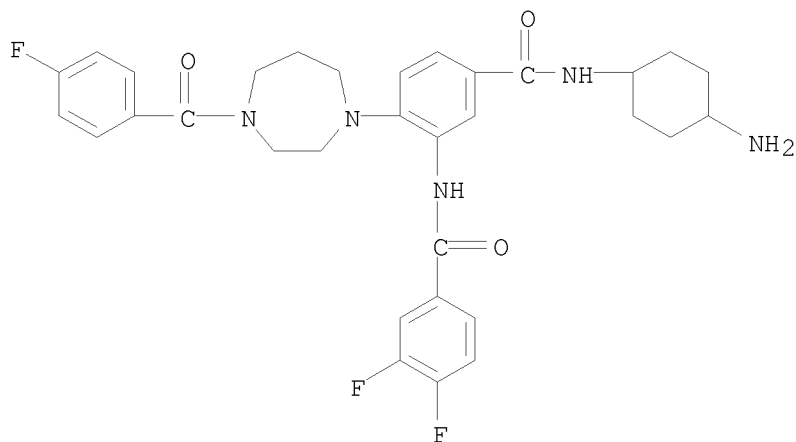
L18 ANSWER 249 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439245-15-5 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-[5-[[[(4-aminocyclohexyl)amino]carbonyl]-2-[4-(3-fluorobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]phenyl]-3,4-difluoro-
(CA INDEX NAME)
MF C32 H34 F3 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

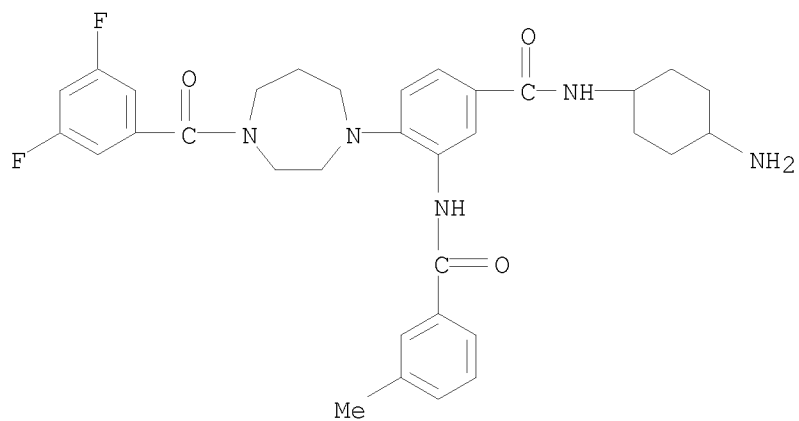
L18 ANSWER 250 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439245-13-3 REGISTRY
ED Entered STN: 18 Jul 2002
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(CA INDEX NAME)
MF C32 H34 F3 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

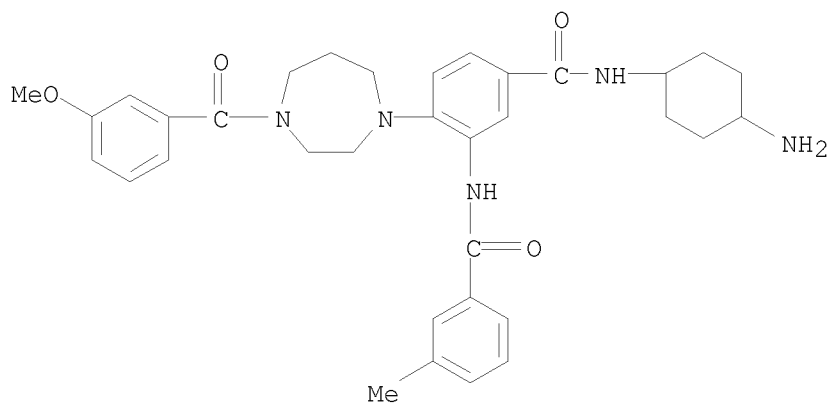
L18 ANSWER 251 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439245-12-2 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-4-[4-(3,5-difluorobenzoyl)hexahydro-
1H-1,4-diazepin-1-yl]-3-[(3-methylbenzoyl)amino]- (CA INDEX NAME)
MF C33 H37 F2 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

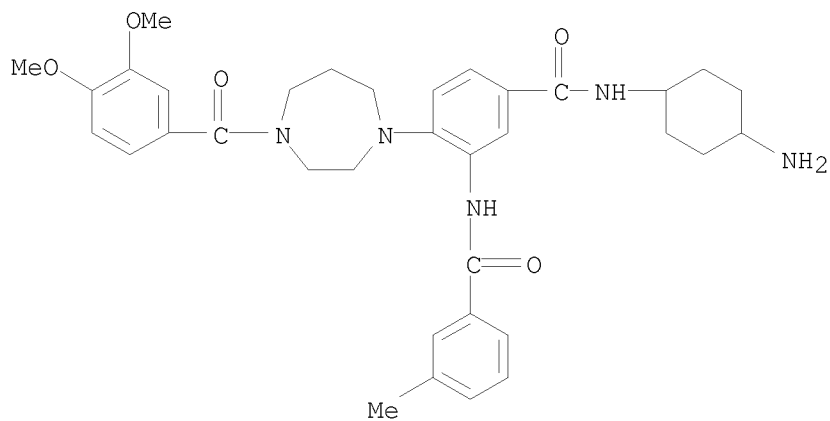
L18 ANSWER 252 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439245-11-1 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-4-[hexahydro-4-(3-methoxybenzoyl)-1H-
1,4-diazepin-1-yl]-3-[(3-methylbenzoyl)amino]- (CA INDEX NAME)
MF C34 H41 N5 O4
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

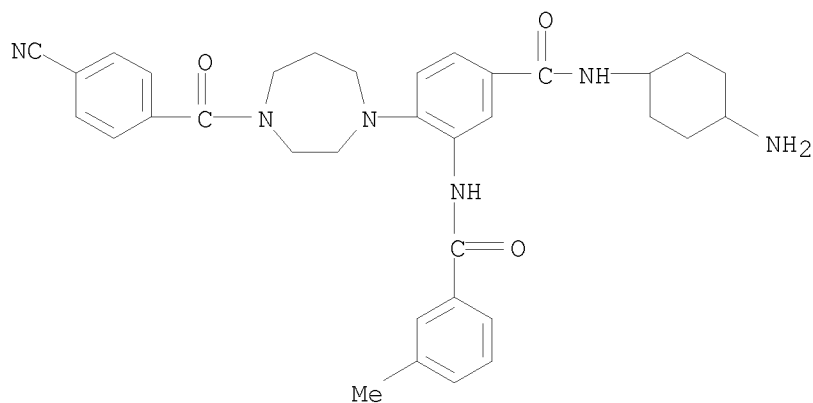
L18 ANSWER 253 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439245-09-7 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-4-[4-(3,4-dimethoxybenzoyl)hexahydro-
1H-1,4-diazepin-1-yl]-3-[(3-methylbenzoyl)amino]- (CA INDEX NAME)
MF C35 H43 N5 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

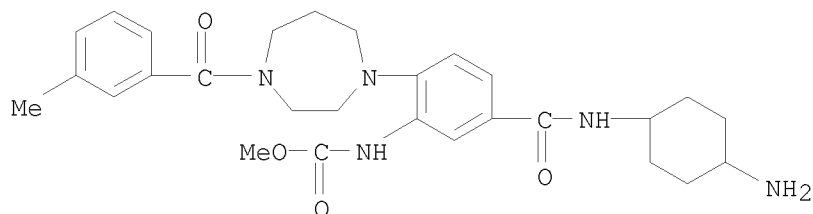
L18 ANSWER 254 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439245-08-6 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-4-[4-(4-cyanobenzoyl)hexahydro-1H-
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MF C34 H38 N6 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

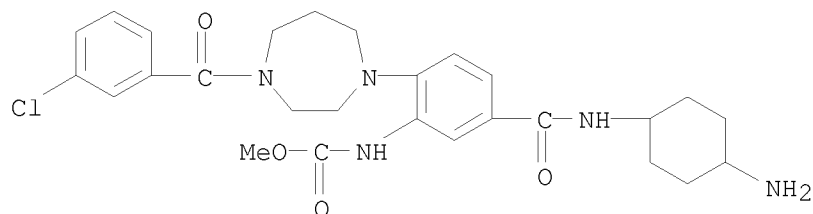
L18 ANSWER 235 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439245-50-8 REGISTRY
ED Entered STN: 18 Jul 2002
CN Carbamic acid, [5-[[[(4-aminocyclohexyl)amino]carbonyl]-2-[hexahydro-4-(3-methylbenzoyl)-1H-1,4-diazepin-1-yl]phenyl]-, methyl ester (9CI)
(CA INDEX NAME)
MF C28 H37 N5 O4
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

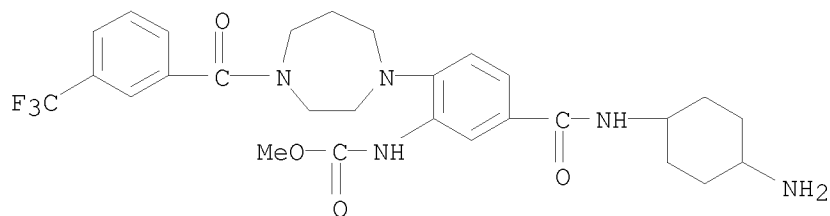
L18 ANSWER 236 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439245-45-1 REGISTRY
ED Entered STN: 18 Jul 2002
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(9CI) (CA INDEX NAME)
MF C27 H34 Cl N5 O4
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

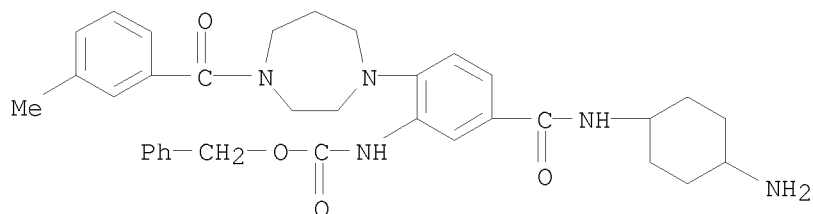
L18 ANSWER 237 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439245-44-0 REGISTRY
ED Entered STN: 18 Jul 2002
CN Carbamic acid, [5-[[[4-(aminocyclohexyl)amino]carbonyl]-2-[hexahydro-4-[3-(trifluoromethyl)benzoyl]-1H-1,4-diazepin-1-yl]phenyl]-, methyl ester
(9CI) (CA INDEX NAME)
MF C28 H34 F3 N5 O4
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

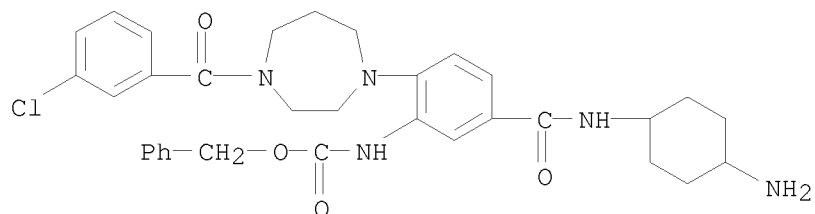
L18 ANSWER 238 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439245-39-3 REGISTRY
ED Entered STN: 18 Jul 2002
CN Carbamic acid, [5-[[[(4-aminocyclohexyl)amino]carbonyl]-2-[hexahydro-4-(3-methylbenzoyl)-1H-1,4-diazepin-1-yl]phenyl]-, phenylmethyl ester
(9CI) (CA INDEX NAME)
MF C34 H41 N5 O4
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

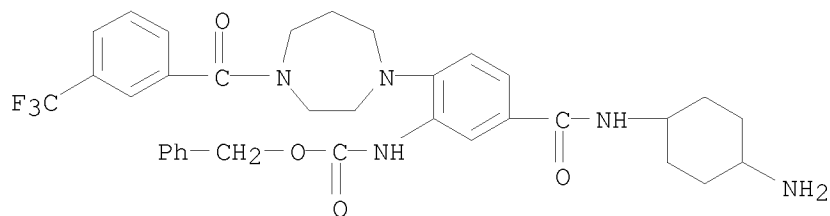
L18 ANSWER 239 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439245-34-8 REGISTRY
ED Entered STN: 18 Jul 2002
CN Carbamic acid, [5-[[[(4-aminocyclohexyl)amino]carbonyl]-2-[4-(3-chlorobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]phenyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)
MF C33 H38 Cl N5 O4
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

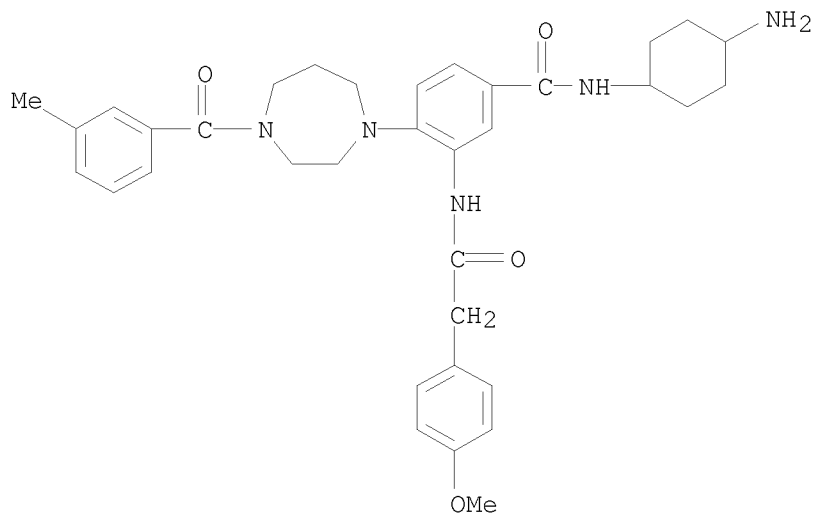
L18 ANSWER 240 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439245-33-7 REGISTRY
ED Entered STN: 18 Jul 2002
CN Carbamic acid, [5-[[[4-aminocyclohexyl)amino]carbonyl]-2-[hexahydro-4-[3-(trifluoromethyl)benzoyl]-1H-1,4-diazepin-1-yl]phenyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)
MF C34 H38 F3 N5 O4
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

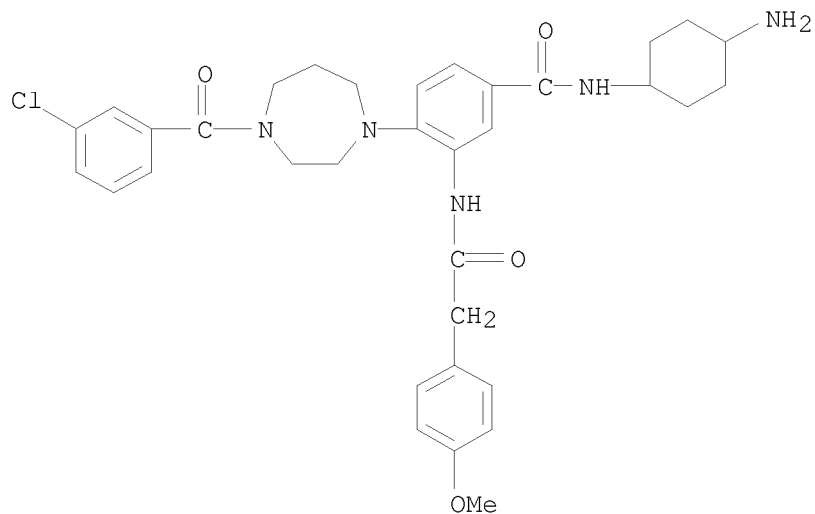
L18 ANSWER 241 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439245-29-1 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzeneacetamide, N-[5-[[[(4-aminocyclohexyl)amino]carbonyl]-2-[
[hexahydro-4-(3-methylbenzoyl)-1H-1,4-diazepin-1-yl]phenyl]-4-methoxy-
(CA INDEX NAME)
MF C35 H43 N5 O4
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

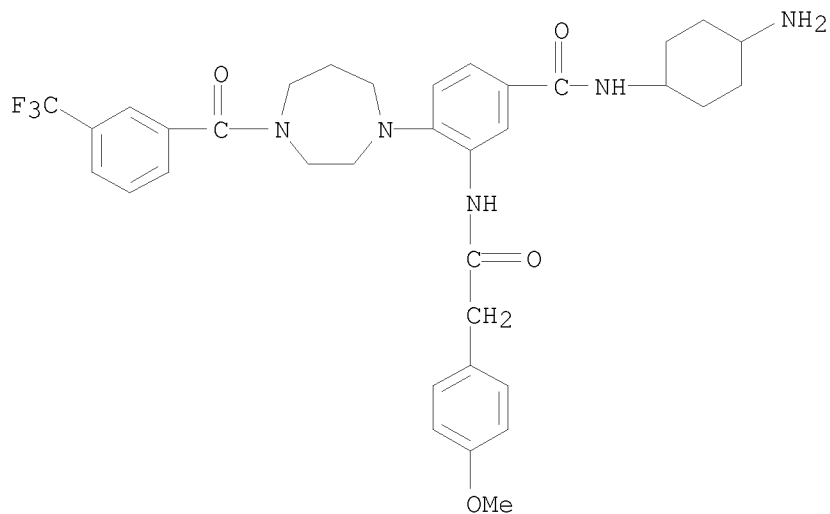
L18 ANSWER 242 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439245-25-7 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzeneacetamide, N-[5-[[[(4-aminocyclohexyl)amino]carbonyl]-2-[4-(3-chlorobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]phenyl]-4-methoxy- (CA INDEX NAME)
MF C34 H40 Cl N5 O4
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

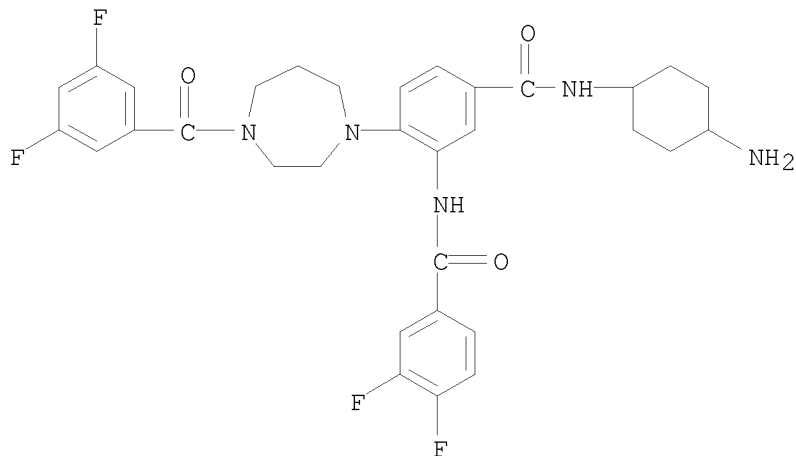
L18 ANSWER 243 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439245-24-6 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzeneacetamide, N-[5-[[[(4-aminocyclohexyl)amino]carbonyl]-2-[
[hexahydro-4-[3-(trifluoromethyl)benzoyl]-1H-1,4-diazepin-1-yl]phenyl]-4-
methoxy- (CA INDEX NAME)
MF C35 H40 F3 N5 O4
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

L18 ANSWER 244 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439245-21-3 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-[5-[[[(4-aminocyclohexyl)amino]carbonyl]-2-[4-(3,5-
difluorobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]phenyl]-3,4-difluoro-
(CA INDEX NAME)
MF C32 H33 F4 N5 O3
SR Chemical Library
Supplier: Ambinter

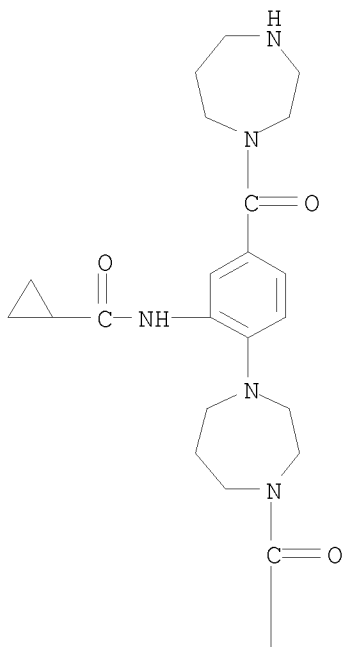


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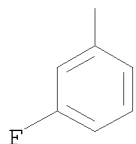
10/576,492

L18 ANSWER 225 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439246-13-6 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclopropanecarboxamide, N-[2-[4-(3-fluorobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]-5-[(hexahydro-1H-1,4-diazepin-1-yl)carbonyl]phenyl]-
(CA INDEX NAME)
MF C28 H34 F N5 O3
SR Chemical Library
Supplier: Ambinter

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PAGE 2-A

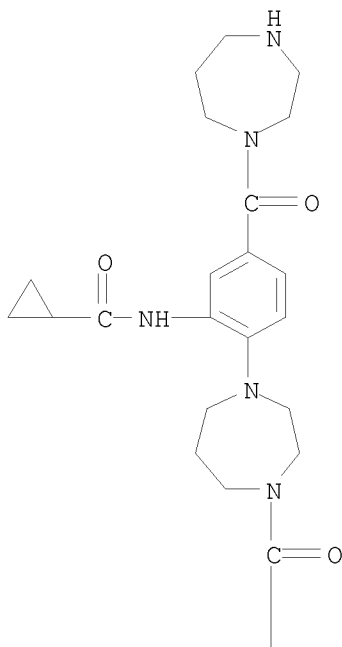


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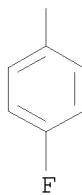
10/576,492

L18 ANSWER 226 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439246-11-4 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclopropanecarboxamide, N-[2-[4-(4-fluorobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]-5-[(hexahydro-1H-1,4-diazepin-1-yl)carbonyl]phenyl]-
(CA INDEX NAME)
MF C28 H34 F N5 O3
SR Chemical Library
Supplier: Ambinter

PAGE 1-A



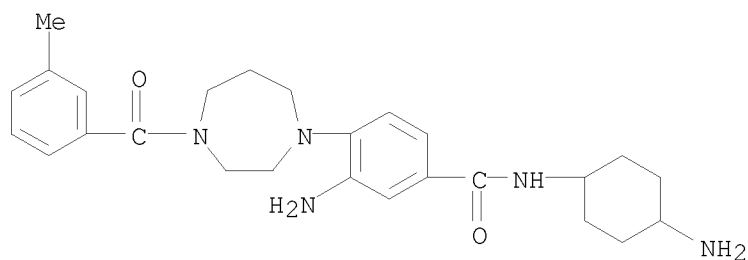
PAGE 2-A



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

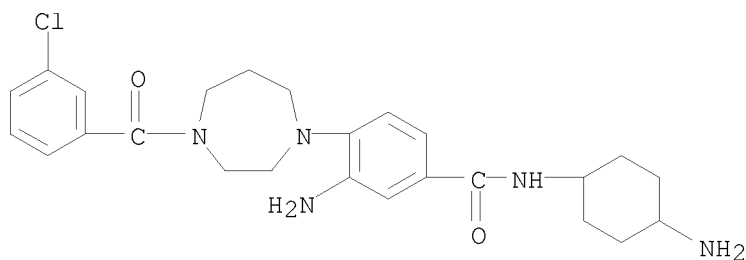
L18 ANSWER 227 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439245-79-1 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, 3-amino-N-(4-aminocyclohexyl)-4-[hexahydro-4-(3-methylbenzoyl)-1H-1,4-diazepin-1-yl]- (CA INDEX NAME)
MF C26 H35 N5 O2
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

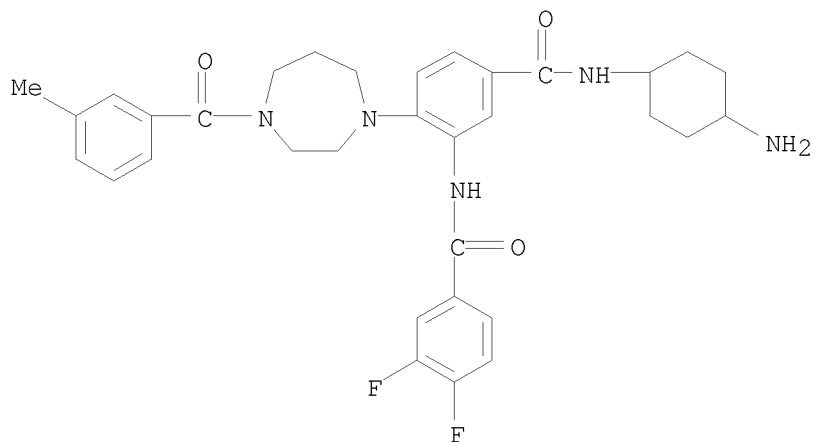
L18 ANSWER 228 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439245-75-7 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, 3-amino-N-(4-aminocyclohexyl)-4-[4-(3-chlorobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]- (CA INDEX NAME)
MF C25 H32 Cl N5 O2
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

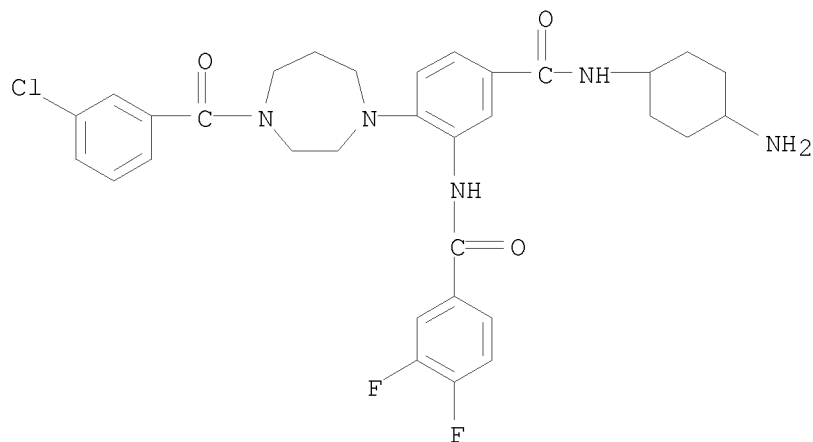
L18 ANSWER 229 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439245-73-5 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-[5-[[[4-(aminocyclohexyl)amino]carbonyl]-2-[hexahydro-4-(3-methylbenzoyl)-1H-1,4-diazepin-1-yl]phenyl]-3,4-difluoro- (CA
INDEX NAME)
MF C33 H37 F2 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

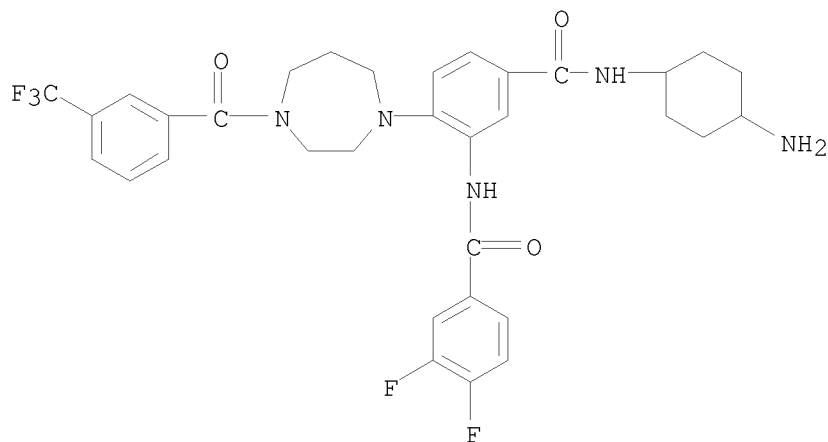
L18 ANSWER 230 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439245-67-7 REGISTRY
ED Entered STN: 18 Jul 2002
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(CA INDEX NAME)
MF C32 H34 Cl F2 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

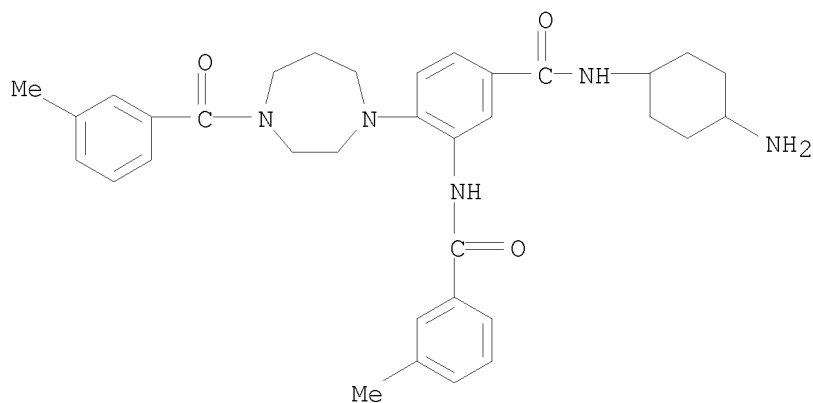
L18 ANSWER 231 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439245-66-6 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-[5-[[[4-(aminocyclohexyl)amino]carbonyl]-2-[hexahydro-4-
[3-(trifluoromethyl)benzoyl]-1H-1,4-diazepin-1-yl]phenyl]-3,4-difluoro-
(CA INDEX NAME)
MF C33 H34 F5 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

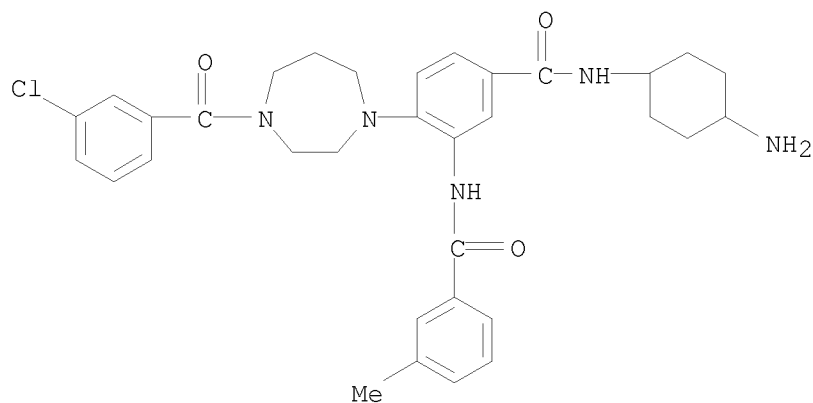
L18 ANSWER 232 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439245-61-1 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-4-[hexahydro-4-(3-methylbenzoyl)-1H-
1,4-diazepin-1-yl]-3-[(3-methylbenzoyl)amino]- (CA INDEX NAME)
MF C34 H41 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

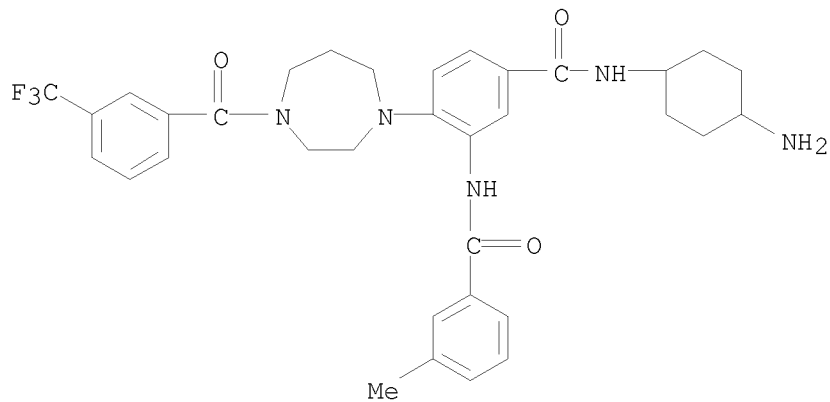
L18 ANSWER 233 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439245-55-3 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-4-[4-(3-chlorobenzoyl)hexahydro-1H-
1,4-diazepin-1-yl]-3-[(3-methylbenzoyl)amino]- (CA INDEX NAME)
MF C33 H38 Cl N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

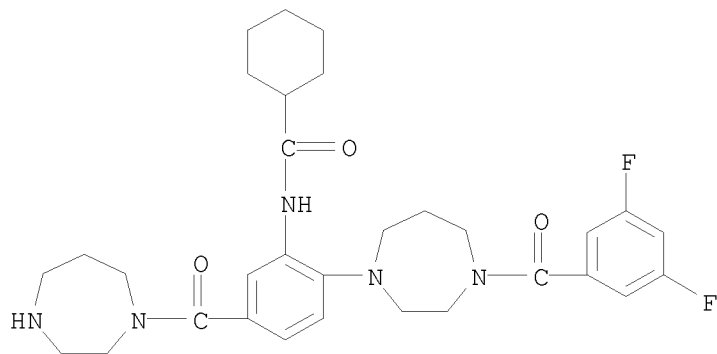
L18 ANSWER 234 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439245-54-2 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-4-[hexahydro-4-[3-(trifluoromethyl)benzoyl]-1H-1,4-diazepin-1-yl]-3-[(3-methylbenzoyl)amino]-
(CA INDEX NAME)
MF C34 H38 F3 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

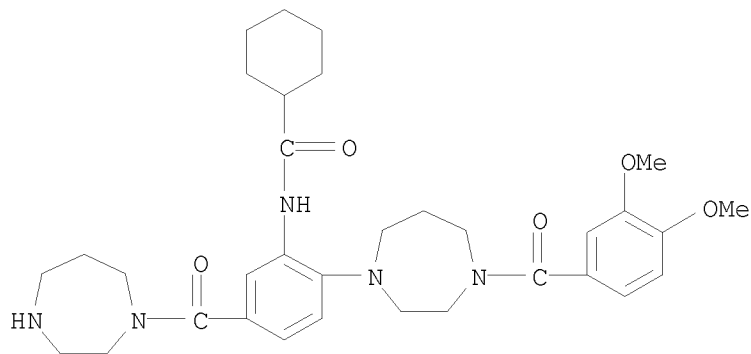
L18 ANSWER 215 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439246-28-3 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclohexanecarboxamide, N-[2-[4-(3,5-difluorobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]-5-[(hexahydro-1H-1,4-diazepin-1-yl)carbonyl]phenyl]-
(CA INDEX NAME)
MF C31 H39 F2 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

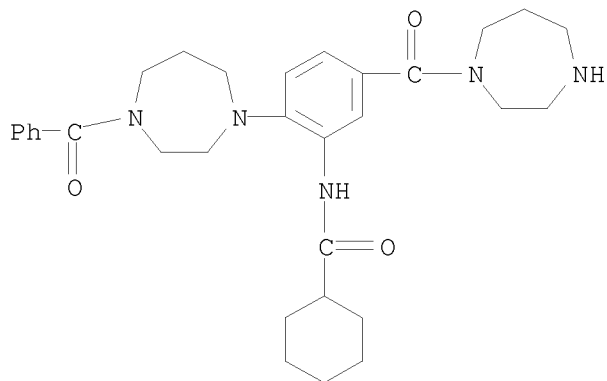
L18 ANSWER 216 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439246-26-1 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclohexanecarboxamide, N-[2-[4-(3,4-dimethoxybenzoyl)hexahydro-1H-
1,4-diazepin-1-yl]-5-[(hexahydro-1H-1,4-diazepin-1-yl)carbonyl]phenyl]-
(CA INDEX NAME)
MF C33 H45 N5 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

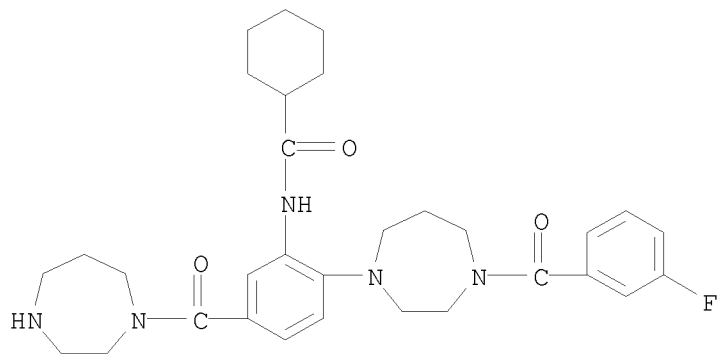
L18 ANSWER 217 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439246-23-8 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclohexanecarboxamide, N-[2-(4-benzoylhexahydro-1H-1,4-diazepin-1-yl)-5-[(hexahydro-1H-1,4-diazepin-1-yl)carbonyl]phenyl]- (CA INDEX NAME)
MF C31 H41 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

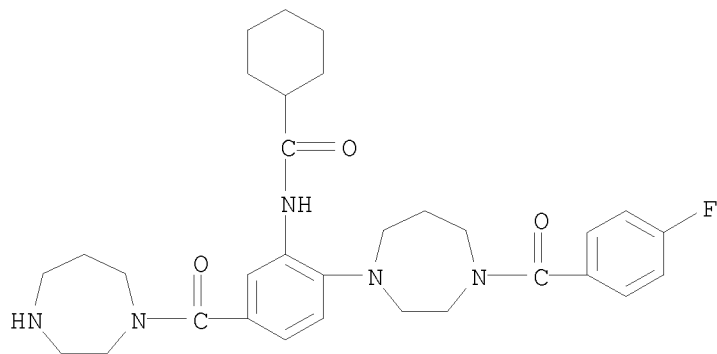
L18 ANSWER 218 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439246-22-7 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclohexanecarboxamide, N-[2-[4-(3-fluorobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]-5-[(hexahydro-1H-1,4-diazepin-1-yl)carbonyl]phenyl]-
(CA INDEX NAME)
MF C31 H40 F N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

L18 ANSWER 219 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439246-20-5 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclohexanecarboxamide, N-[2-[4-(4-fluorobenzoyl)hexahydro-1H-1,4-
diazepin-1-yl]-5-[(hexahydro-1H-1,4-diazepin-1-yl)carbonyl]phenyl]-
(CA INDEX NAME)
MF C31 H40 F N5 O3
SR Chemical Library
Supplier: Ambinter

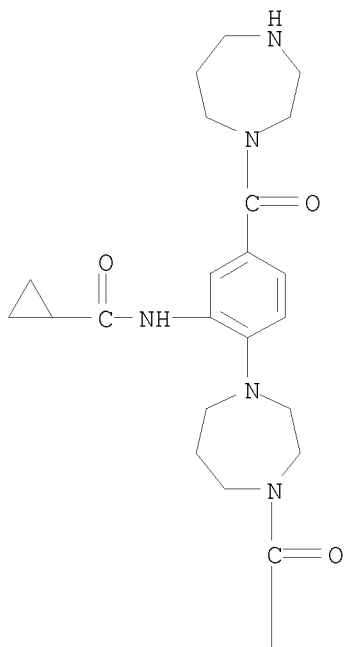


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

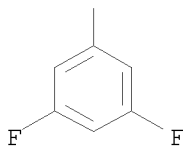
10/576,492

L18 ANSWER 220 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439246-19-2 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclopropanecarboxamide, N-[2-[4-(3,5-difluorobenzoyl)hexahydro-1H-
1,4-diazepin-1-yl]-5-[(hexahydro-1H-1,4-diazepin-1-yl)carbonyl]phenyl]-
(CA INDEX NAME)
MF C28 H33 F2 N5 O3
SR Chemical Library
Supplier: Ambinter

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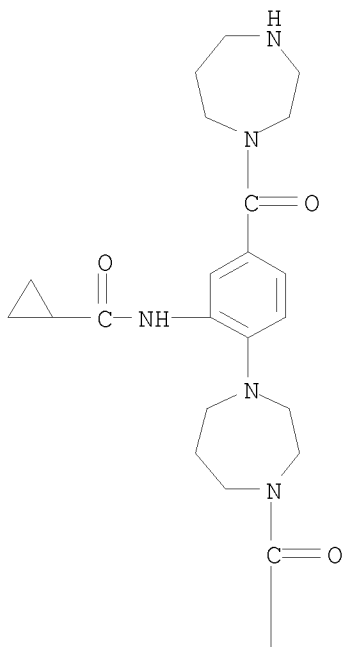


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

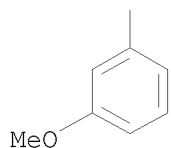
10/576,492

L18 ANSWER 221 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439246-18-1 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclopropanecarboxamide, N-[5-[(hexahydro-1H-1,4-diazepin-1-yl)carbonyl]-2-[hexahydro-4-(3-methoxybenzoyl)-1H-1,4-diazepin-1-yl]phenyl]- (CA INDEX NAME)
MF C29 H37 N5 O4
SR Chemical Library
Supplier: Ambinter

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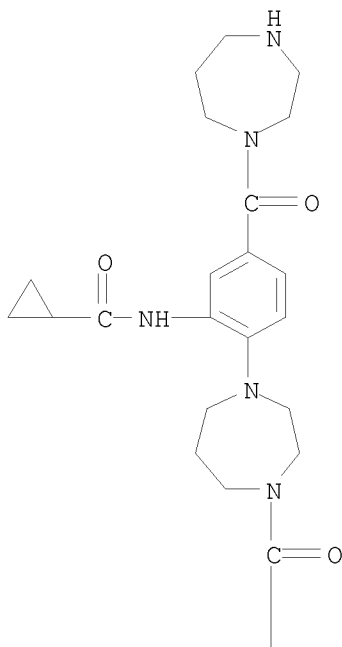


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

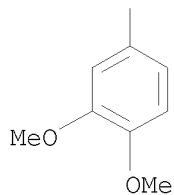
10/576,492

L18 ANSWER 222 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439246-17-0 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclopropanecarboxamide, N-[2-[4-(3,4-dimethoxybenzoyl)hexahydro-1H-
1,4-diazepin-1-yl]-5-[(hexahydro-1H-1,4-diazepin-1-yl)carbonyl]phenyl]-
(CA INDEX NAME)
MF C30 H39 N5 O5
SR Chemical Library
Supplier: Ambinter

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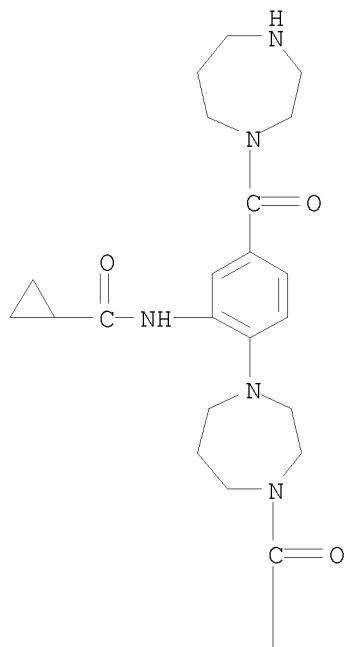


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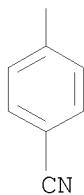
10/576,492

L18 ANSWER 223 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439246-16-9 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclopropanecarboxamide, N-[2-[4-(4-cyanobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]-5-[(hexahydro-1H-1,4-diazepin-1-yl)carbonyl]phenyl]-
(CA INDEX NAME)
MF C29 H34 N6 O3
SR Chemical Library
Supplier: Ambinter

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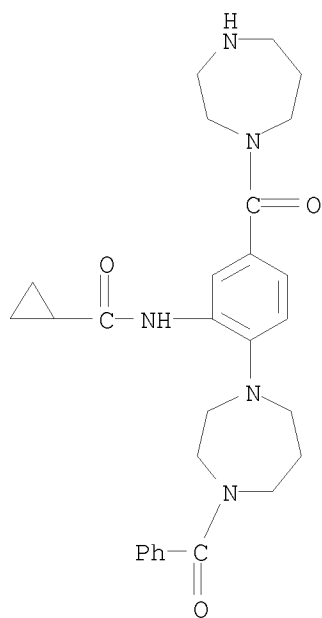
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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

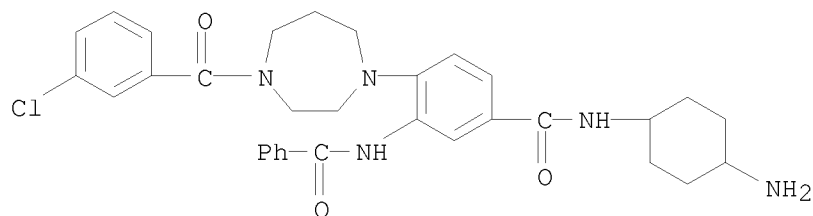
L18 ANSWER 224 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439246-14-7 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclopropanecarboxamide, N-[2-(4-benzoylhexahydro-1H-1,4-diazepin-1-yl)-5-[(hexahydro-1H-1,4-diazepin-1-yl)carbonyl]phenyl]- (CA INDEX NAME)
MF C28 H35 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

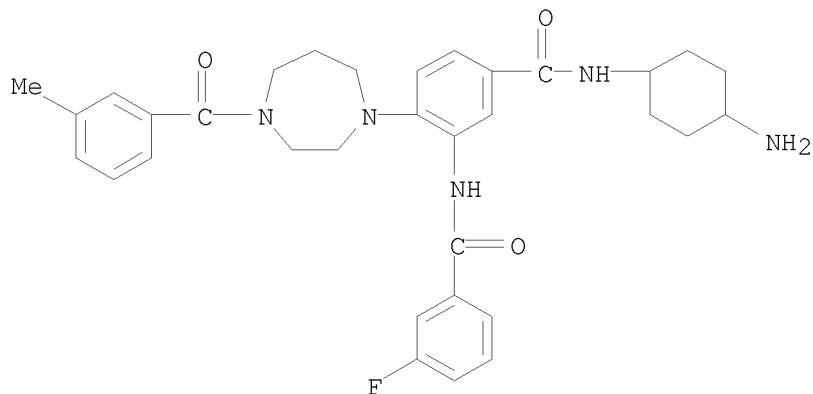
L18 ANSWER 205 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439248-03-0 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-3-(benzoylamino)-4-[4-(3-chlorobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]- (CA INDEX NAME)
MF C32 H36 Cl N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

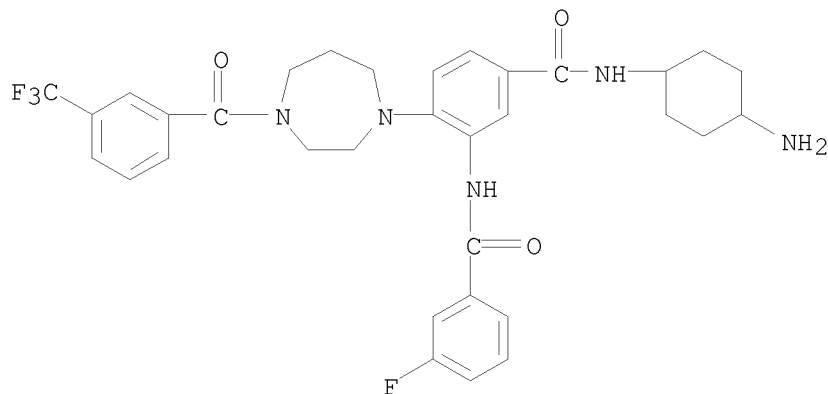
L18 ANSWER 206 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439248-00-7 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-3-[(3-fluorobenzoyl)amino]-4-
[hexahydro-4-(3-methylbenzoyl)-1H-1,4-diazepin-1-yl]- (CA INDEX
NAME)
MF C33 H38 F N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

L18 ANSWER 207 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439247-98-0 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-3-[(3-fluorobenzoyl)amino]-4-
[hexahydro-4-[3-(trifluoromethyl)benzoyl]-1H-1,4-diazepin-1-yl]- (CA
INDEX NAME)
MF C33 H35 F4 N5 O3
SR Chemical Library
Supplier: Ambinter

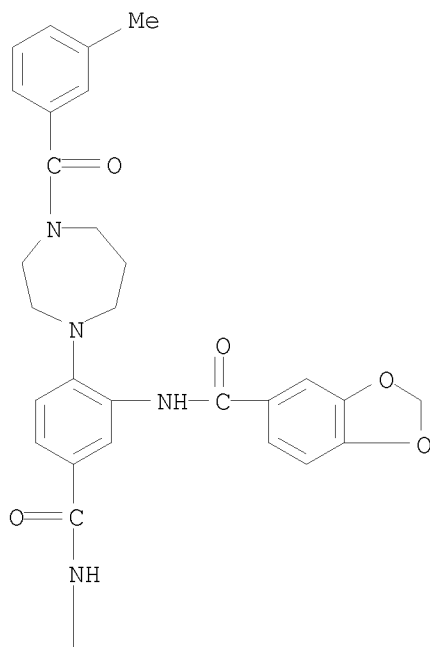


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

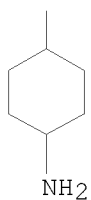
10/576,492

L18 ANSWER 208 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439247-94-6 REGISTRY
ED Entered STN: 18 Jul 2002
CN 1,3-Benzodioxole-5-carboxamide,
N-[5-[[[(4-aminocyclohexyl)amino]carbonyl]-2-[hexahydro-4-(3-methylbenzoyl)-
1H-1,4-diazepin-1-yl]phenyl]- (CA INDEX NAME)
MF C34 H39 N5 O5
SR Chemical Library
Supplier: Ambinter

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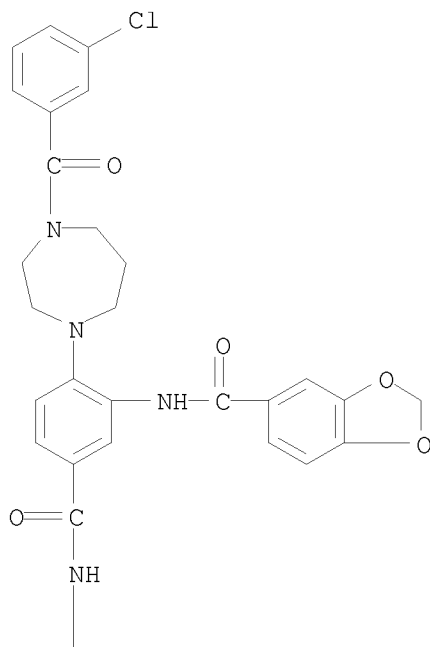


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

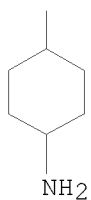
10/576,492

L18 ANSWER 209 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439247-36-6 REGISTRY
ED Entered STN: 18 Jul 2002
CN 1,3-Benzodioxole-5-carboxamide,
N-[5-[[[(4-aminocyclohexyl)amino]carbonyl]-2-[4-(3-chlorobenzoyl)hexahydro-
1H-1,4-diazepin-1-yl]phenyl]- (CA INDEX NAME)
MF C33 H36 Cl N5 O5
SR Chemical Library
Supplier: Ambinter

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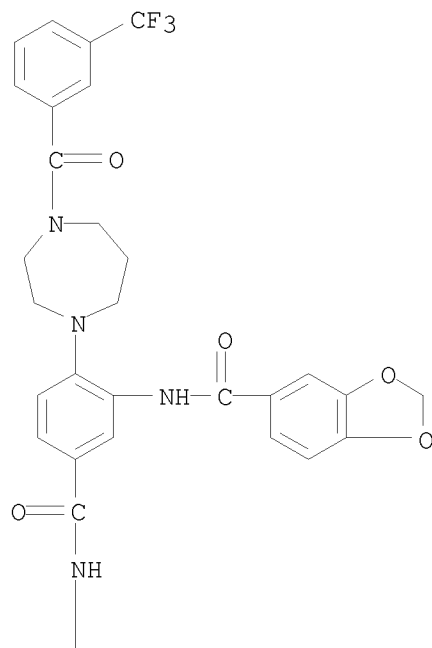


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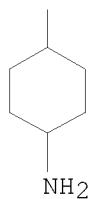
10/576,492

L18 ANSWER 210 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439247-35-5 REGISTRY
ED Entered STN: 18 Jul 2002
CN 1,3-Benzodioxole-5-carboxamide,
N-[5-[[[(4-aminocyclohexyl)amino]carbonyl]-2-[hexahydro-4-[3-(trifluoromethyl)benzoyl]-1H-1,4-diazepin-1-yl]phenyl]- (CA INDEX NAME)
MF C34 H36 F3 N5 O5
SR Chemical Library
Supplier: Ambinter

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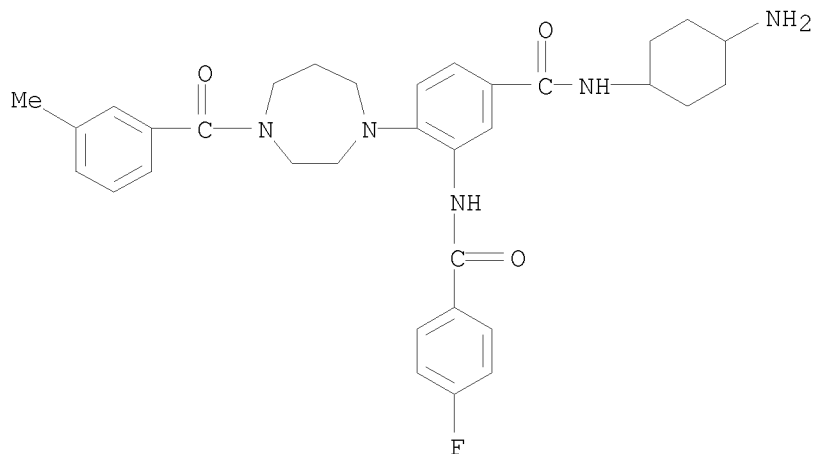
PAGE 2-A



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

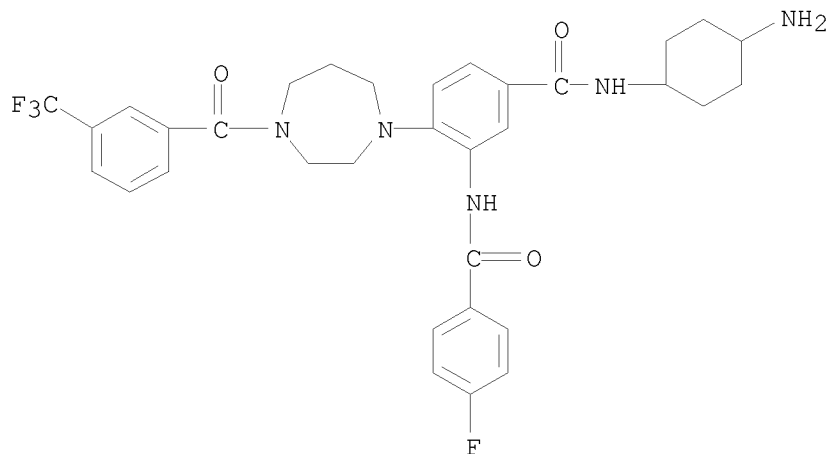
L18 ANSWER 211 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439247-30-0 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-3-[(4-fluorobenzoyl)amino]-4-[
[hexahydro-4-(3-methylbenzoyl)-1H-1,4-diazepin-1-yl]- (CA INDEX
NAME)
MF C33 H38 F N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

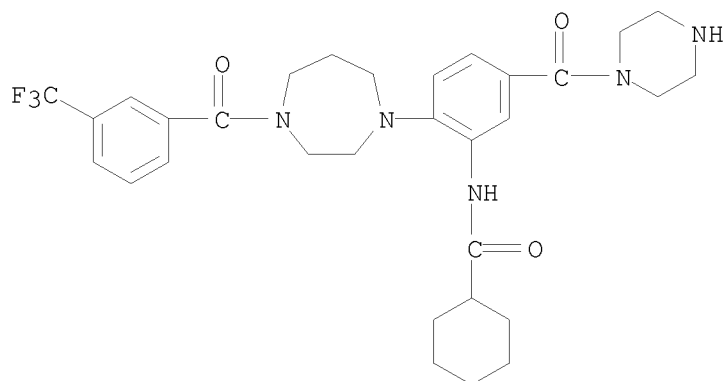
L18 ANSWER 212 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439247-25-3 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-3-[(4-fluorobenzoyl)amino]-4-
[hexahydro-4-[3-(trifluoromethyl)benzoyl]-1H-1,4-diazepin-1-yl]- (CA
INDEX NAME)
MF C33 H35 F4 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

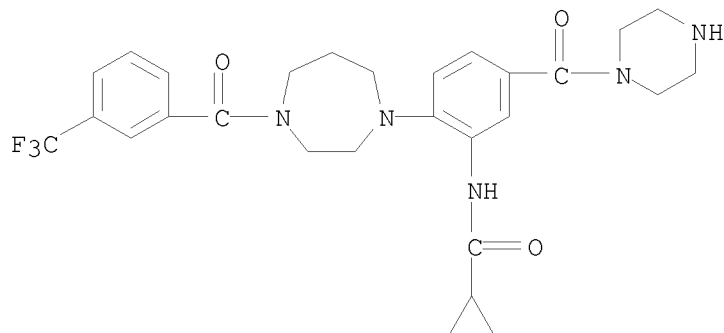
L18 ANSWER 213 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439247-17-3 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclohexanecarboxamide, N-[2-[hexahydro-4-[3-(trifluoromethyl)benzoyl]-1H-1,4-diazepin-1-yl]-5-(1-piperazinylcarbonyl)phenyl]- (CA INDEX NAME)
MF C31 H38 F3 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

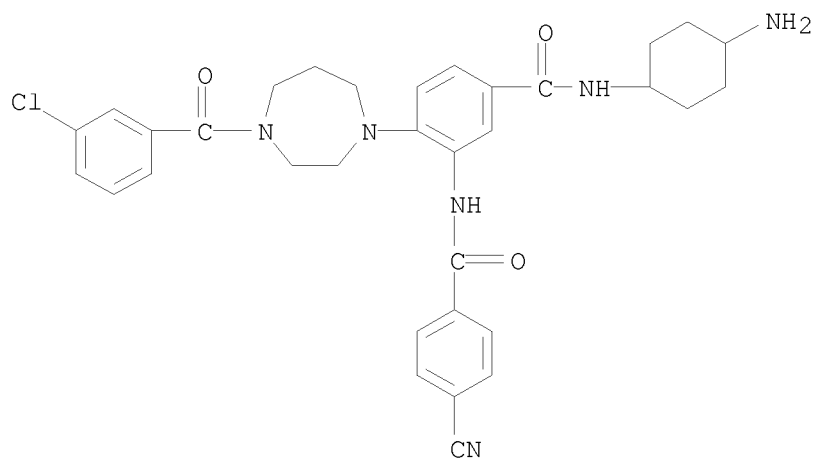
L18 ANSWER 214 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439247-10-6 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclopropanecarboxamide, N-[2-[hexahydro-4-[3-(trifluoromethyl)benzoyl]-1H-1,4-diazepin-1-yl]-5-(1-piperazinylcarbonyl)phenyl]- (CA INDEX NAME)
MF C28 H32 F3 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

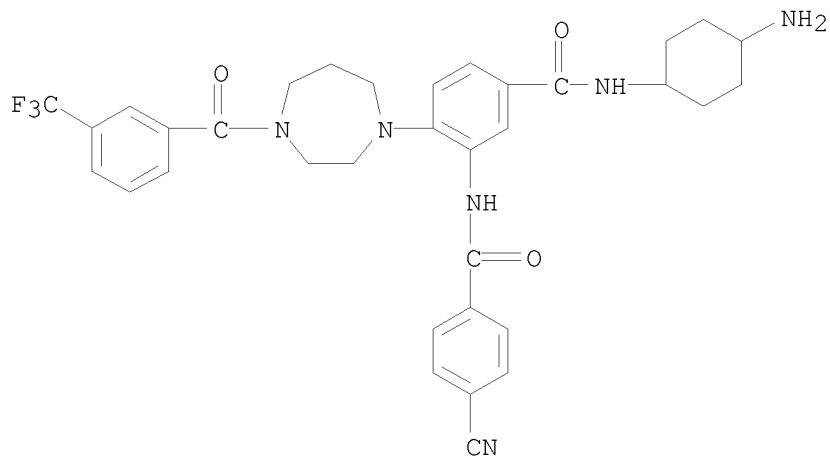
L18 ANSWER 195 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439248-32-5 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-4-[4-(3-chlorobenzoyl)hexahydro-1H-
1,4-diazepin-1-yl]-3-[(4-cyanobenzoyl)amino]- (CA INDEX NAME)
MF C33 H35 Cl N6 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

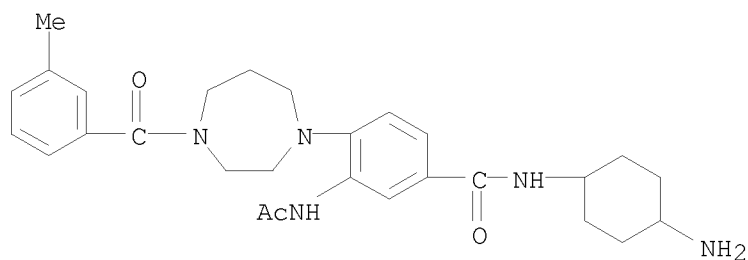
L18 ANSWER 196 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439248-31-4 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-3-[(4-cyanobenzoyl)amino]-4-
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INDEX NAME)
MF C34 H35 F3 N6 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

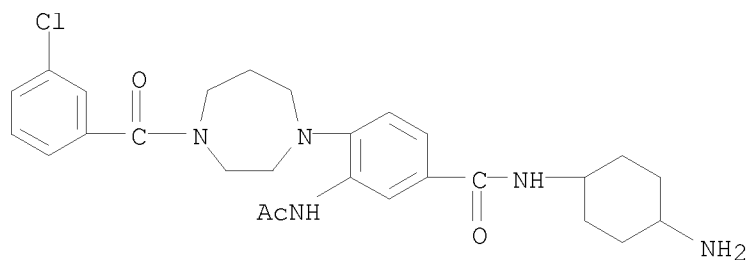
L18 ANSWER 197 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439248-29-0 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, 3-(acetylamino)-N-(4-aminocyclohexyl)-4-[hexahydro-4-(3-methylbenzoyl)-1H-1,4-diazepin-1-yl]- (CA INDEX NAME)
MF C28 H37 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

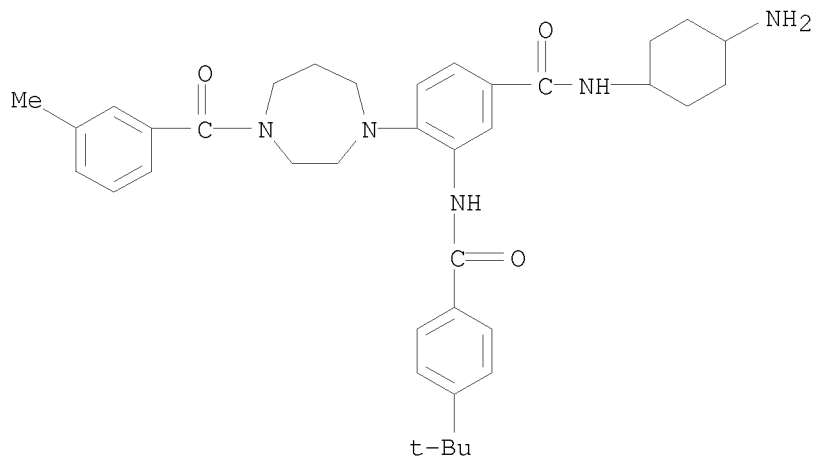
L18 ANSWER 198 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439248-26-7 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, 3-(acetylamino)-N-(4-aminocyclohexyl)-4-[4-(3-chlorobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]- (CA INDEX NAME)
MF C27 H34 Cl N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

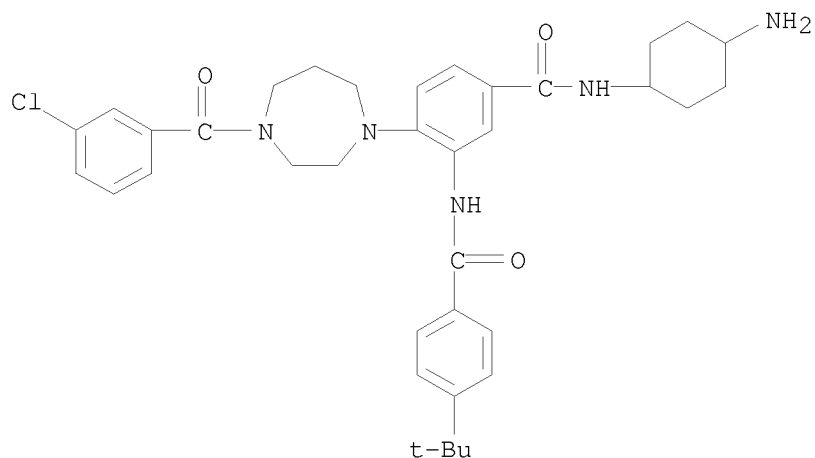
L18 ANSWER 199 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439248-21-2 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-3-[[4-(1,1-
dimethylethyl)benzoyl]amino]-4-[hexahydro-4-(3-methylbenzoyl)-1H-1,4-
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MF C37 H47 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

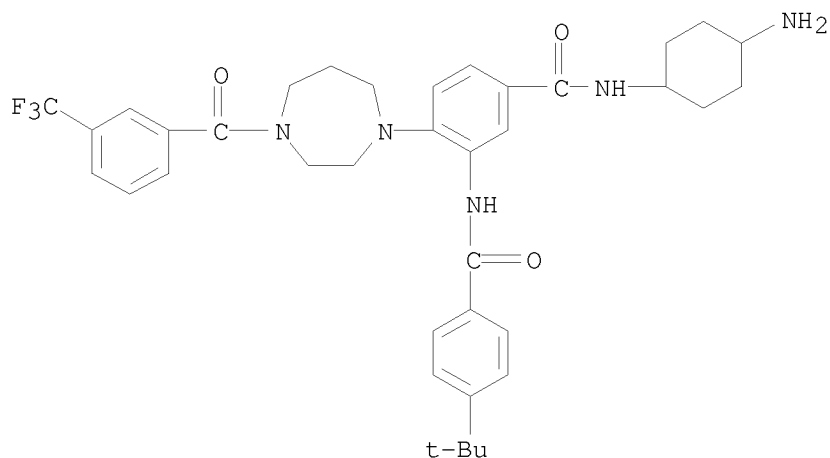
L18 ANSWER 200 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439248-16-5 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-4-[4-(3-chlorobenzoyl)hexahydro-1H-
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INDEX NAME)
MF C36 H44 Cl N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

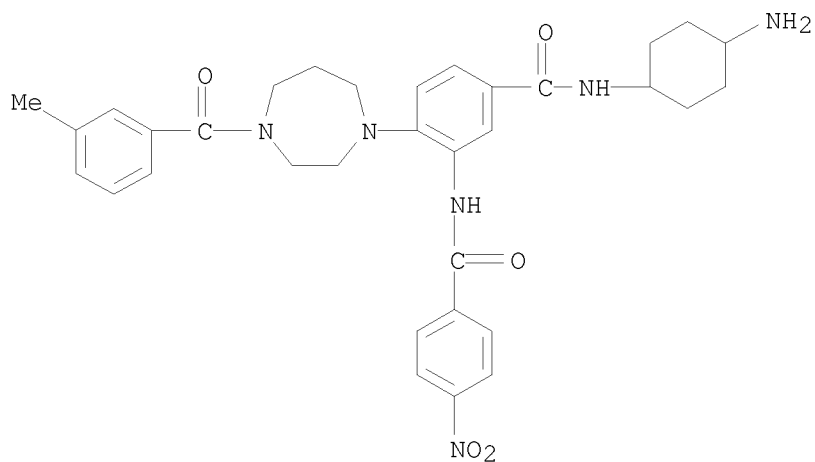
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RN 439248-15-4 REGISTRY
ED Entered STN: 18 Jul 2002
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MF C37 H44 F3 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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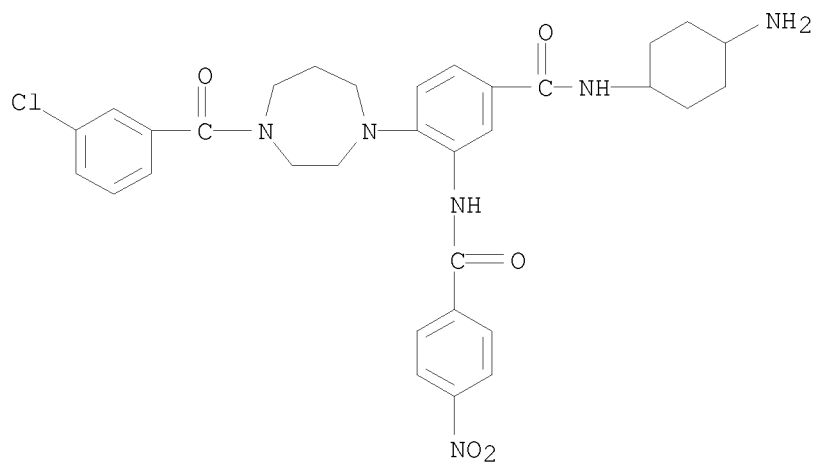
L18 ANSWER 202 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439248-14-3 REGISTRY
ED Entered STN: 18 Jul 2002
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1,4-diazepin-1-yl]-3-[(4-nitrobenzoyl)amino]- (CA INDEX NAME)
MF C33 H38 N6 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

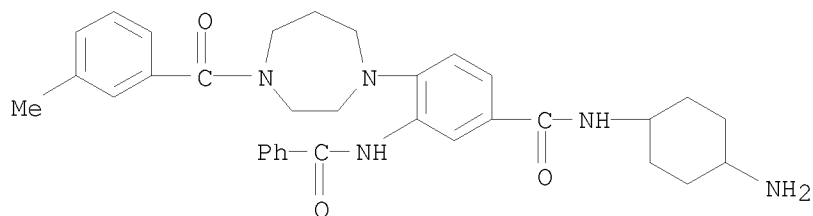
L18 ANSWER 203 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439248-11-0 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-4-[4-(3-chlorobenzoyl)hexahydro-1H-
1,4-diazepin-1-yl]-3-[(4-nitrobenzoyl)amino]- (CA INDEX NAME)
MF C32 H35 Cl N6 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

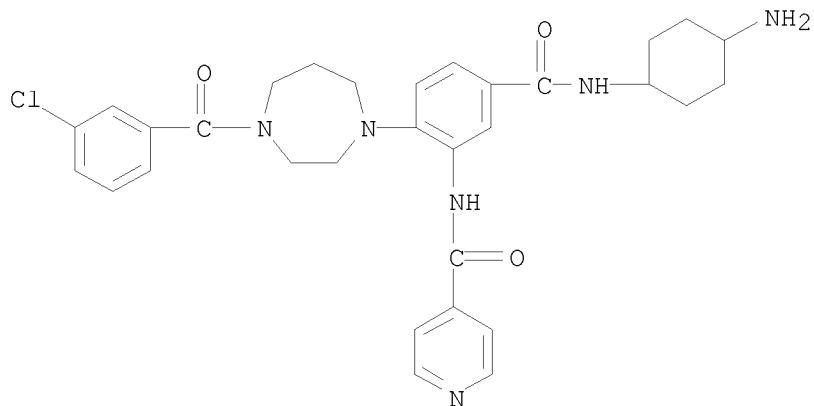
L18 ANSWER 204 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439248-06-3 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-3-(benzoylamino)-4-[hexahydro-4-(3-methylbenzoyl)-1H-1,4-diazepin-1-yl]- (CA INDEX NAME)
MF C33 H39 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

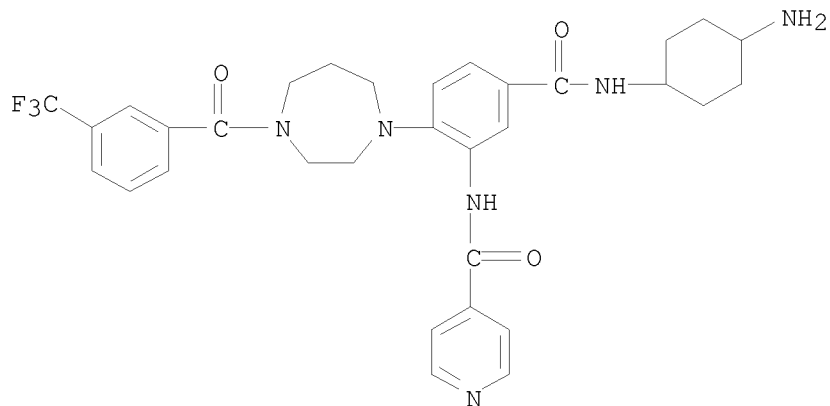
L18 ANSWER 185 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439248-88-1 REGISTRY
ED Entered STN: 18 Jul 2002
CN 4-Pyridinecarboxamide, N-[5-[[4-(aminocyclohexyl)amino]carbonyl]-2-[4-(3-chlorobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]phenyl]- (CA INDEX NAME)
MF C31 H35 Cl N6 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

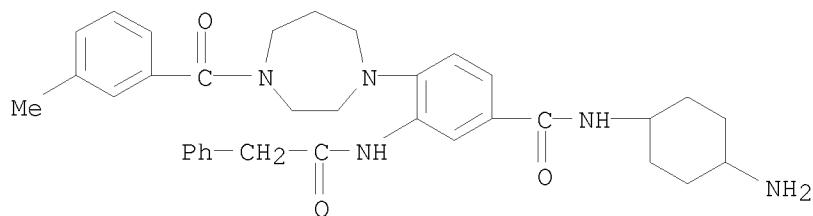
L18 ANSWER 186 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439248-87-0 REGISTRY
ED Entered STN: 18 Jul 2002
CN 4-Pyridinecarboxamide, N-[5-[[(4-aminocyclohexyl)amino]carbonyl]-2-[hexahydro-4-[3-(trifluoromethyl)benzoyl]-1H-1,4-diazepin-1-yl]phenyl]-
(CA INDEX NAME)
MF C32 H35 F3 N6 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

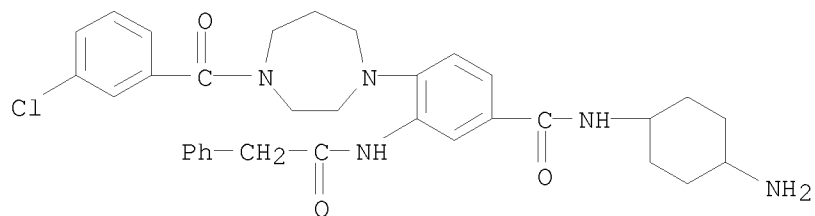
L18 ANSWER 187 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439248-80-3 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzeneacetamide, N-[5-[[[(4-aminocyclohexyl)amino]carbonyl]-2-[
[hexahydro-4-(3-methylbenzoyl)-1H-1,4-diazepin-1-yl]phenyl]- (CA
INDEX NAME)
MF C34 H41 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

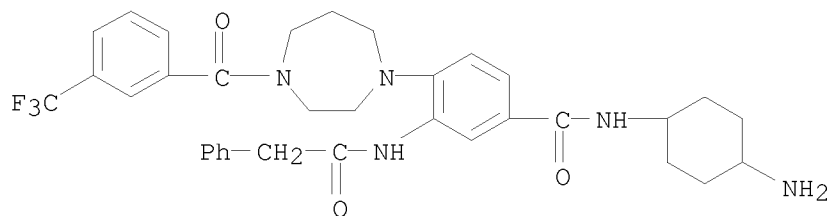
L18 ANSWER 188 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439248-71-2 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzeneacetamide, N-[5-[[[(4-aminocyclohexyl)amino]carbonyl]-2-[4-(3-chlorobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]phenyl]- (CA INDEX NAME)
MF C33 H38 Cl N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

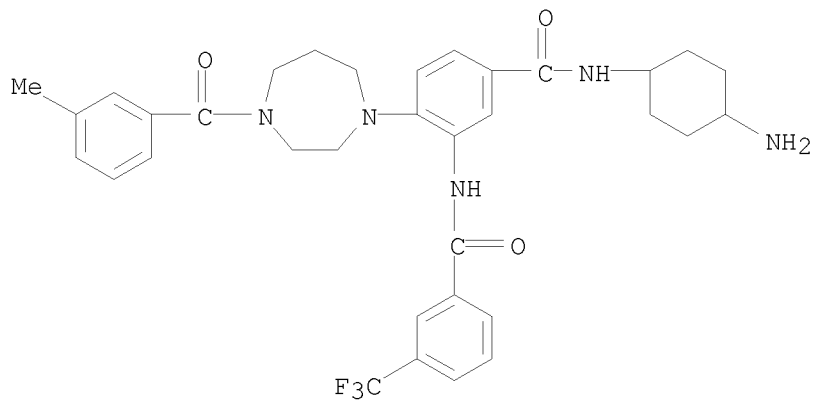
L18 ANSWER 189 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439248-69-8 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzeneacetamide, N-[5-[[[(4-aminocyclohexyl)amino]carbonyl]-2-[
[hexahydro-4-[3-(trifluoromethyl)benzoyl]-1H-1,4-diazepin-1-yl]phenyl]-
(CA INDEX NAME)
MF C34 H38 F3 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

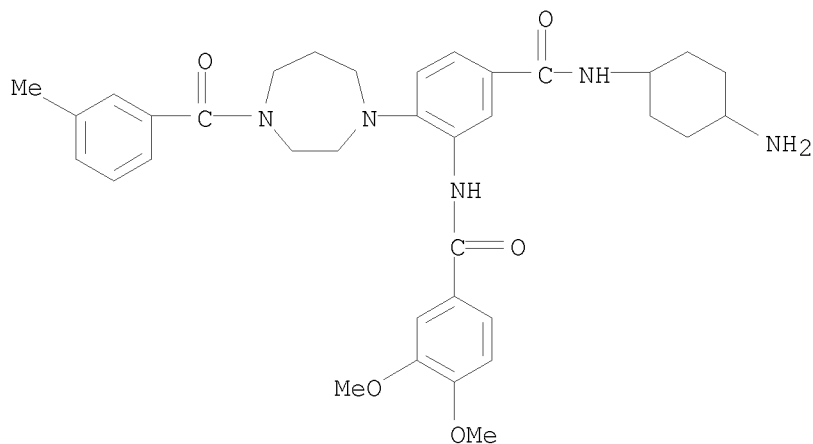
L18 ANSWER 190 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439248-66-5 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-4-[hexahydro-4-(3-methylbenzoyl)-1H-
1,4-diazepin-1-yl]-3-[[3-(trifluoromethyl)benzoyl]amino]- (CA INDEX
NAME)
MF C34 H38 F3 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

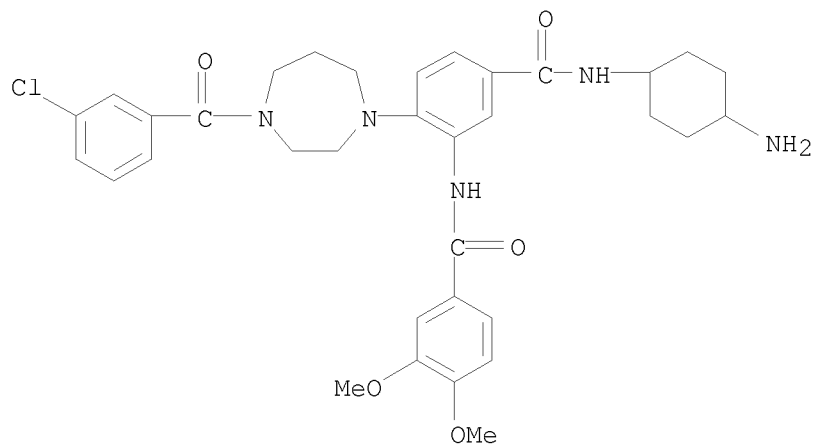
L18 ANSWER 191 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439248-50-7 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-[5-[[[4-(aminocyclohexyl)amino]carbonyl]-2-[hexahydro-4-(3-methylbenzoyl)-1H-1,4-diazepin-1-yl]phenyl]-3,4-dimethoxy- (CA INDEX NAME)
MF C35 H43 N5 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

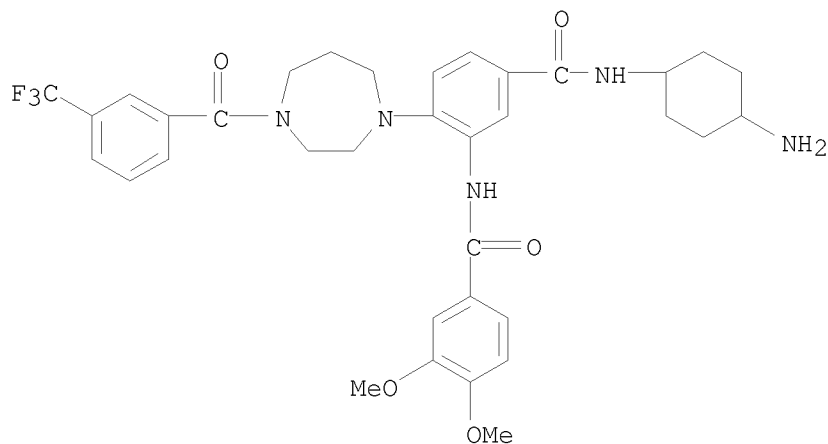
L18 ANSWER 192 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439248-43-8 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-[5-[[[(4-aminocyclohexyl)amino]carbonyl]-2-[4-(3-chlorobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]phenyl]-3,4-dimethoxy-
(CA INDEX NAME)
MF C34 H40 Cl N5 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

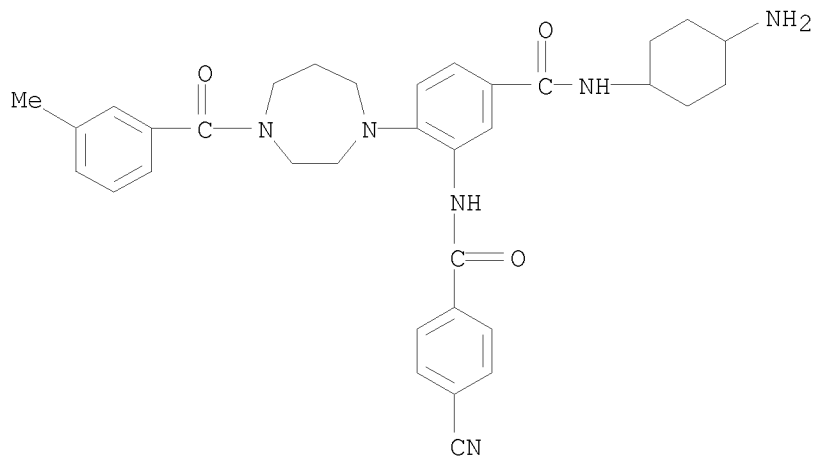
L18 ANSWER 193 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439248-42-7 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-[5-[[[4-(aminocyclohexyl)amino]carbonyl]-2-[hexahydro-4-[3-(trifluoromethyl)benzoyl]-1H-1,4-diazepin-1-yl]phenyl]-3,4-dimethoxy-
(CA INDEX NAME)
MF C35 H40 F3 N5 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

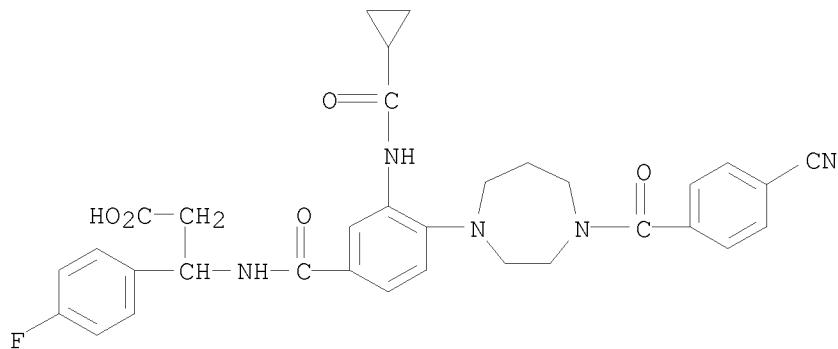
L18 ANSWER 194 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439248-38-1 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-3-[(4-cyanobenzoyl)amino]-4-[
[hexahydro-4-(3-methylbenzoyl)-1H-1,4-diazepin-1-yl]- (CA INDEX
NAME)
MF C34 H38 N6 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

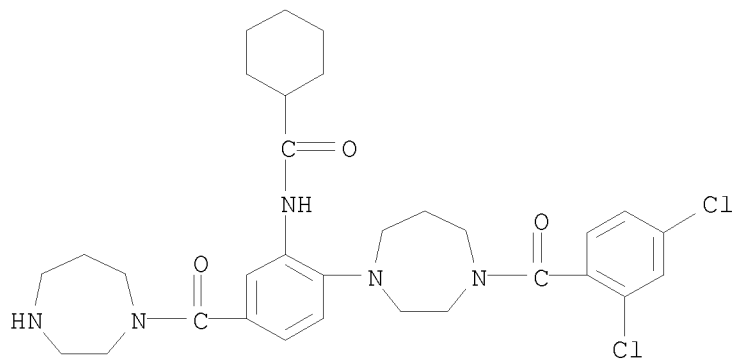
L18 ANSWER 175 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439252-33-2 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzenepropanoic acid, β -[[4-[4-(4-cyanobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]-3-[(cyclopropylcarbonyl)amino]benzoyl]amino]-4-fluoro-
(CA INDEX NAME)
MF C33 H32 F N5 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

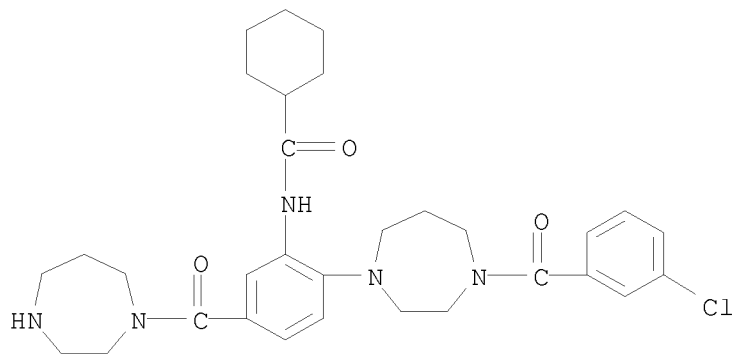
L18 ANSWER 176 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439251-59-9 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclohexanecarboxamide, N-[2-[4-(2,4-dichlorobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]-5-[(hexahydro-1H-1,4-diazepin-1-yl)carbonyl]phenyl]-
(CA INDEX NAME)
MF C31 H39 Cl2 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

L18 ANSWER 177 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439251-49-7 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclohexanecarboxamide, N-[2-[4-(3-chlorobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]-5-[(hexahydro-1H-1,4-diazepin-1-yl)carbonyl]phenyl]-
(CA INDEX NAME)
MF C31 H40 Cl N5 O3
SR Chemical Library
Supplier: Ambinter

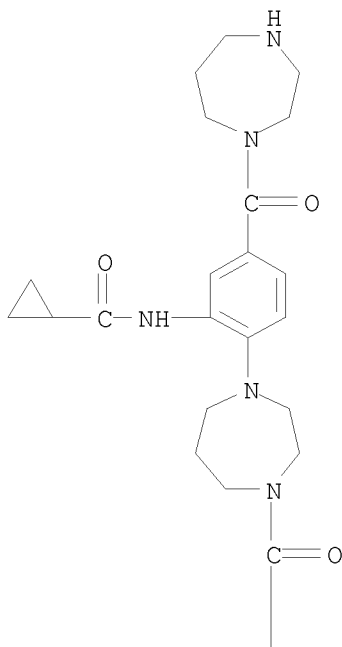


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

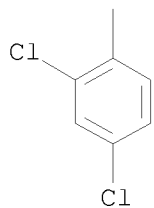
10/576,492

L18 ANSWER 178 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439251-48-6 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclopropanecarboxamide, N-[2-[4-(2,4-dichlorobenzoyl)hexahydro-1H-
1,4-diazepin-1-yl]-5-[(hexahydro-1H-1,4-diazepin-1-yl)carbonyl]phenyl]-
(CA INDEX NAME)
MF C28 H33 Cl2 N5 O3
SR Chemical Library
Supplier: Ambinter

PAGE 1-A



PAGE 2-A

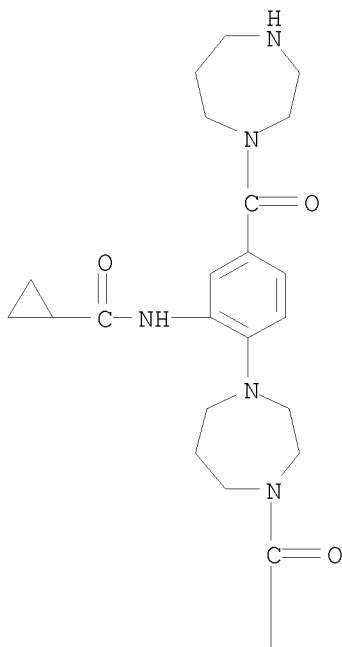


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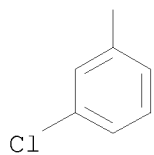
10/576,492

L18 ANSWER 179 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439251-43-1 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclopropanecarboxamide, N-[2-[4-(3-chlorobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]-5-[(hexahydro-1H-1,4-diazepin-1-yl)carbonyl]phenyl]-
(CA INDEX NAME)
MF C28 H34 Cl N5 O3
SR Chemical Library
Supplier: Ambinter

PAGE 1-A



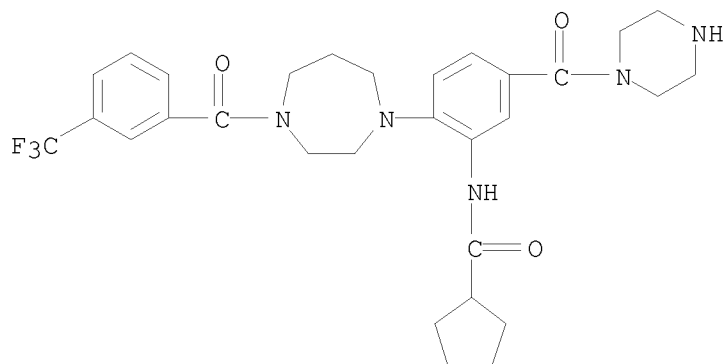
PAGE 2-A



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

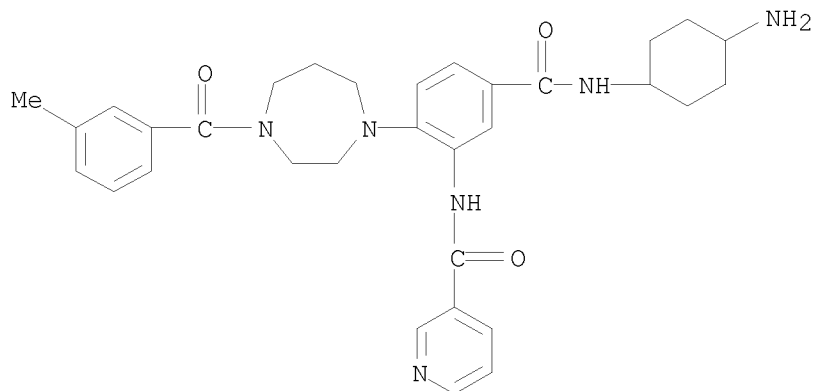
L18 ANSWER 180 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439249-58-8 REGISTRY
ED Entered STN: 18 Jul 2002
CN Cyclopentanecarboxamide, N-[2-[hexahydro-4-[3-(trifluoromethyl)benzoyl]-1H-1,4-diazepin-1-yl]-5-(1-piperazinylcarbonyl)phenyl]- (CA INDEX NAME)
MF C30 H36 F3 N5 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

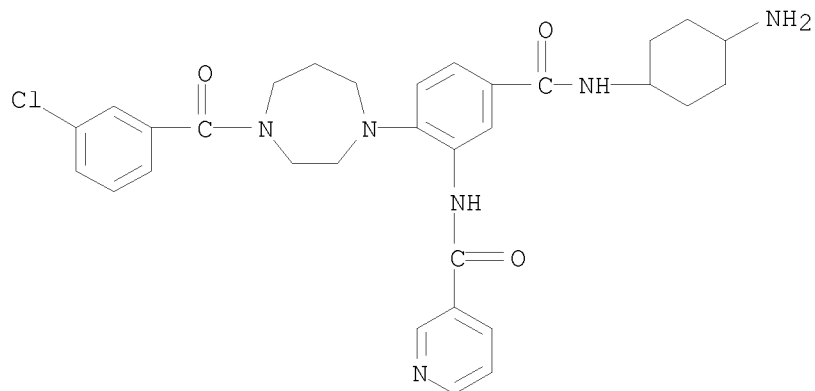
L18 ANSWER 181 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439249-01-1 REGISTRY
ED Entered STN: 18 Jul 2002
CN 3-Pyridinecarboxamide, N-[5-[[(4-aminocyclohexyl)amino]carbonyl]-2-[hexahydro-4-(3-methylbenzoyl)-1H-1,4-diazepin-1-yl]phenyl]- (CA INDEX NAME)
MF C32 H38 N6 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

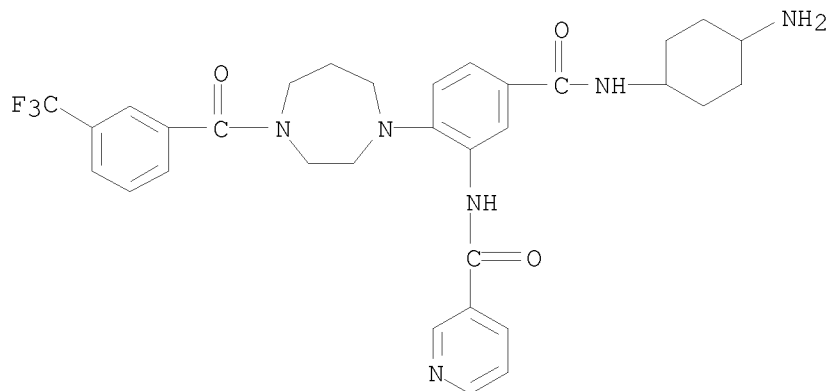
L18 ANSWER 182 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439248-97-2 REGISTRY
ED Entered STN: 18 Jul 2002
CN 3-Pyridinecarboxamide, N-[5-[[4-(aminocyclohexyl)amino]carbonyl]-2-[4-(3-chlorobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]phenyl]- (CA INDEX NAME)
MF C31 H35 Cl N6 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

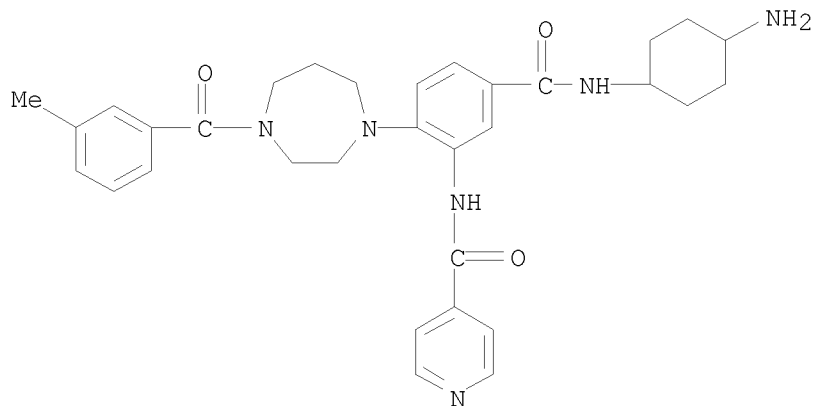
L18 ANSWER 183 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439248-96-1 REGISTRY
ED Entered STN: 18 Jul 2002
CN 3-Pyridinecarboxamide, N-[5-[[[4-(aminocyclohexyl)amino]carbonyl]-2-[hexahydro-4-[3-(trifluoromethyl)benzoyl]-1H-1,4-diazepin-1-yl]phenyl]]-
(CA INDEX NAME)
MF C32 H35 F3 N6 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

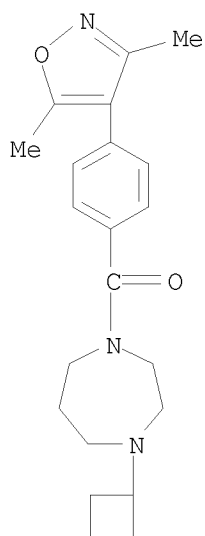
L18 ANSWER 184 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439248-93-8 REGISTRY
ED Entered STN: 18 Jul 2002
CN 4-Pyridinecarboxamide, N-[5-[[(4-aminocyclohexyl)amino]carbonyl]-2-[hexahydro-4-(3-methylbenzoyl)-1H-1,4-diazepin-1-yl]phenyl]- (CA INDEX NAME)
MF C32 H38 N6 O3
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

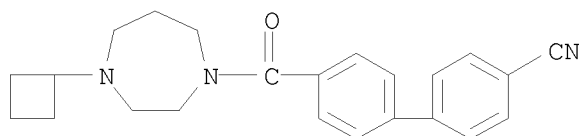
L18 ANSWER 100 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 851164-41-5 REGISTRY
ED Entered STN: 26 May 2005
CN Methanone, (4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)[4-(3,5-dimethyl-4-isoxazolyl)phenyl]- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1H-1,4-Diazepine, 1-cyclobutyl-4-[4-(3,5-dimethyl-4-isoxazolyl)benzoyl]hexahydro- (9CI)
MF C21 H27 N3 O2
CI COM
SR CA



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

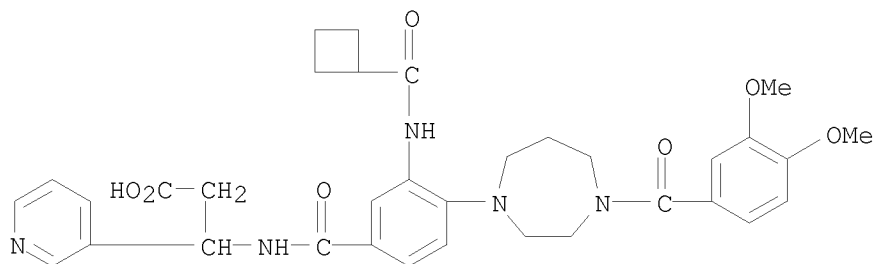
L18 ANSWER 125 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 851164-07-3 REGISTRY
ED Entered STN: 26 May 2005
CN [1,1'-Biphenyl]-4-carbonitrile,
4'-[(4-cyclobutylhexahydro-1H-1,4-diazepin-1-yl)carbonyl]- (CA INDEX
NAME)
OTHER CA INDEX NAMES:
CN 1H-1,4-Diazepine, 1-[(4'-cyano[1,1'-biphenyl]-4-yl)carbonyl]-4-
cyclobutylhexahydro- (9CI)
MF C23 H25 N3 O
CI COM
SR CA



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

L18 ANSWER 150 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439267-36-4 REGISTRY
ED Entered STN: 18 Jul 2002
CN 3-Pyridinepropanoic acid, β -[[3-[(cyclobutylcarbonyl)amino]-4-[4-(3,4-dimethoxybenzoyl)hexahydro-1H-1,4-diazepin-1-yl]benzoyl]amino]-
(CA INDEX NAME)
MF C34 H39 N5 O7
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

L18 ANSWER 135 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN

RN 439270-92-5 REGISTRY

ED Entered STN: 18 Jul 2002

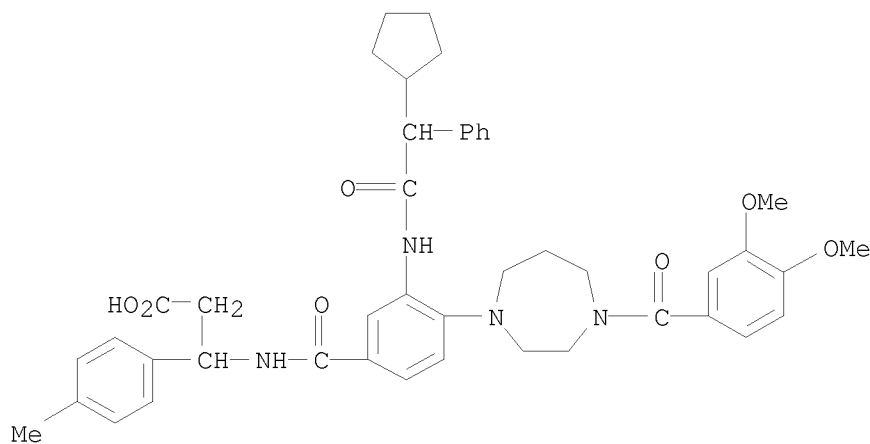
CN Benzenepropanoic acid, β -[[3-[(2-cyclopentyl-2-phenylacetyl)amino]-4-[4-(3,4-dimethoxybenzoyl)hexahydro-1H-1,4-diazepin-1-yl]benzoyl]amino]-4-methyl- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzenepropanoic acid, β -[[3-[(cyclopentylphenylacetyl)amino]-4-[4-(3,4-dimethoxybenzoyl)hexahydro-1H-1,4-diazepin-1-yl]benzoyl]amino]-4-methyl- (9CI)

MF C44 H50 N4 O7

SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

L18 ANSWER 130 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN

RN 443767-05-3 REGISTRY

ED Entered STN: 13 Aug 2002

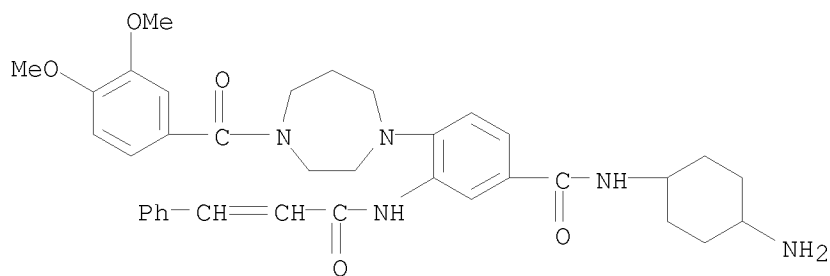
CN Benzamide, N-(4-aminocyclohexyl)-4-[4-(3,4-dimethoxybenzoyl)hexahydro-1H-1,4-diazepin-1-yl]-3-[(1-oxo-3-phenyl-2-propen-1-yl)amino]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzamide, N-(4-aminocyclohexyl)-4-[4-(3,4-dimethoxybenzoyl)hexahydro-1H-1,4-diazepin-1-yl]-3-[(1-oxo-3-phenyl-2-propenyl)amino]- (9CI)

MF C36 H43 N5 O5

SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

L18 ANSWER 127 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN

RN 443767-30-4 REGISTRY

ED Entered STN: 13 Aug 2002

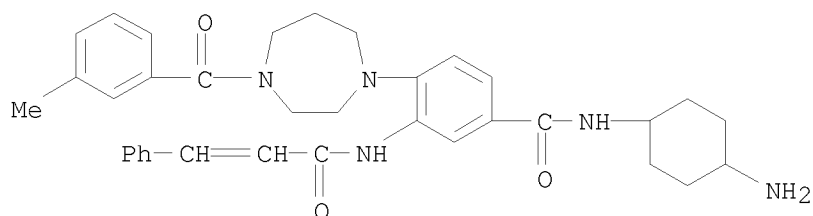
CN Benzamide, N-(4-aminocyclohexyl)-4-[hexahydro-4-(3-methylbenzoyl)-1H-1,4-diazepin-1-yl]-3-[(1-oxo-3-phenyl-2-propen-1-yl)amino]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzamide, N-(4-aminocyclohexyl)-4-[hexahydro-4-(3-methylbenzoyl)-1H-1,4-diazepin-1-yl]-3-[(1-oxo-3-phenyl-2-propenyl)amino]- (9CI)

MF C35 H41 N5 O3

SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

L18 ANSWER 126 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN

RN 749866-38-4 REGISTRY

ED Entered STN: 23 Sep 2004

CN 2-Naphthalenesulfonamide, N-[3-[[4-(cyclohexylmethyl)hexahydro-1H-1,4-diazepin-1-yl]carbonyl]phenyl]- (CA INDEX NAME)

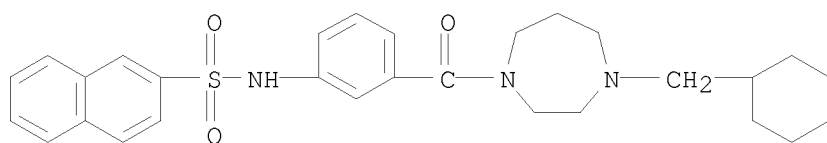
OTHER CA INDEX NAMES:

CN 1H-1,4-Diazepine, 1-(cyclohexylmethyl)hexahydro-4-[3-[(2-naphthalenylsulfonyl)amino]benzoyl]- (9CI)

MF C29 H35 N3 O3 S

CI COM

SR CA



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

L18 ANSWER 128 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN

RN 443767-24-6 REGISTRY

ED Entered STN: 13 Aug 2002

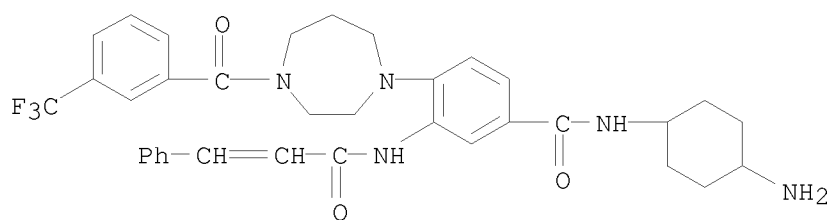
CN Benzamide, N-(4-aminocyclohexyl)-4-[hexahydro-4-[3-(trifluoromethyl)benzoyl]-1H-1,4-diazepin-1-yl]-3-[(1-oxo-3-phenyl-2-propen-1-yl)amino]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzamide, N-(4-aminocyclohexyl)-4-[hexahydro-4-[3-(trifluoromethyl)benzoyl]-1H-1,4-diazepin-1-yl]-3-[(1-oxo-3-phenyl-2-propenyl)amino]- (9CI)

MF C35 H38 F3 N5 O3

SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

L18 ANSWER 129 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN

RN 443767-06-4 REGISTRY

ED Entered STN: 13 Aug 2002

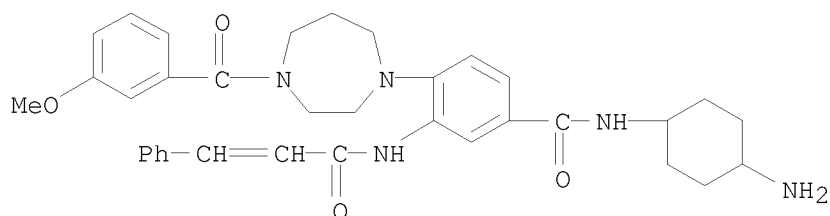
CN Benzamide, N-(4-aminocyclohexyl)-4-[hexahydro-4-(3-methoxybenzoyl)-1H-1,4-diazepin-1-yl]-3-[(1-oxo-3-phenyl-2-propen-1-yl)amino]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzamide, N-(4-aminocyclohexyl)-4-[hexahydro-4-(3-methoxybenzoyl)-1H-1,4-diazepin-1-yl]-3-[(1-oxo-3-phenyl-2-propenyl)amino]- (9CI)

MF C35 H41 N5 O4

SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

L18 ANSWER 131 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN

RN 443767-04-2 REGISTRY

ED Entered STN: 13 Aug 2002

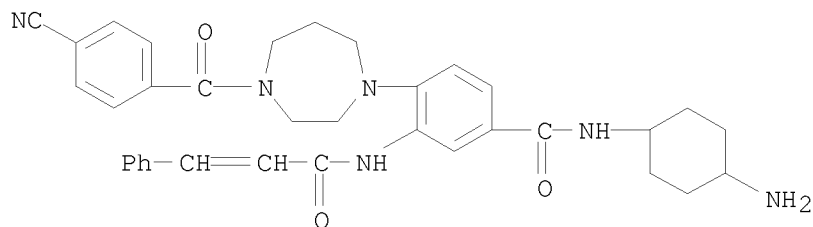
CN Benzamide, N-(4-aminocyclohexyl)-4-[4-(4-cyanobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]-3-[(1-oxo-3-phenyl-2-propen-1-yl)amino]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzamide, N-(4-aminocyclohexyl)-4-[4-(4-cyanobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]-3-[(1-oxo-3-phenyl-2-propenyl)amino]- (9CI)

MF C35 H38 N6 O3

SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

L18 ANSWER 132 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN

RN 443767-02-0 REGISTRY

ED Entered STN: 13 Aug 2002

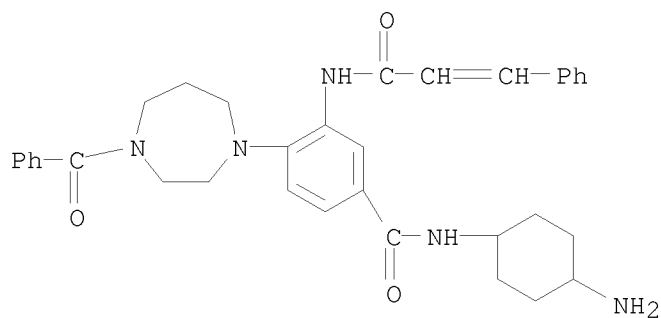
CN Benzamide, N-(4-aminocyclohexyl)-4-(4-benzoylhexahydro-1H-1,4-diazepin-1-yl)-3-[(1-oxo-3-phenyl-2-propen-1-yl)amino]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzamide, N-(4-aminocyclohexyl)-4-(4-benzoylhexahydro-1H-1,4-diazepin-1-yl)-3-[(1-oxo-3-phenyl-2-propenyl)amino]- (9CI)

MF C34 H39 N5 O3

SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

L18 ANSWER 133 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN

RN 443767-01-9 REGISTRY

ED Entered STN: 13 Aug 2002

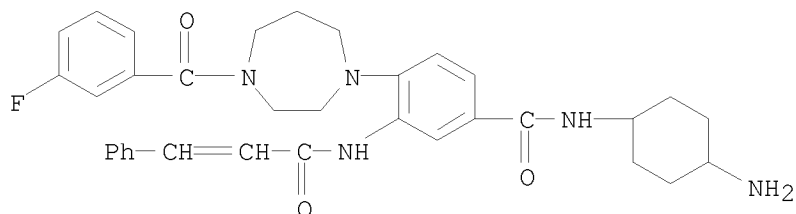
CN Benzamide, N-(4-aminocyclohexyl)-4-[4-(3-fluorobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]-3-[(1-oxo-3-phenyl-2-propen-1-yl)amino]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzamide, N-(4-aminocyclohexyl)-4-[4-(3-fluorobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]-3-[(1-oxo-3-phenyl-2-propenyl)amino]- (9CI)

MF C34 H38 F N5 O3

SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

L18 ANSWER 134 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN

RN 443766-99-2 REGISTRY

ED Entered STN: 13 Aug 2002

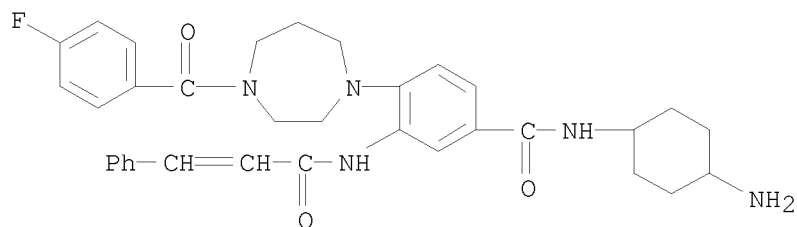
CN Benzamide, N-(4-aminocyclohexyl)-4-[4-(4-fluorobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]-3-[(1-oxo-3-phenyl-2-propen-1-yl)amino]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzamide, N-(4-aminocyclohexyl)-4-[4-(4-fluorobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]-3-[(1-oxo-3-phenyl-2-propenyl)amino]- (9CI)

MF C34 H38 F N5 O3

SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

L18 ANSWER 136 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN

RN 439270-90-3 REGISTRY

ED Entered STN: 18 Jul 2002

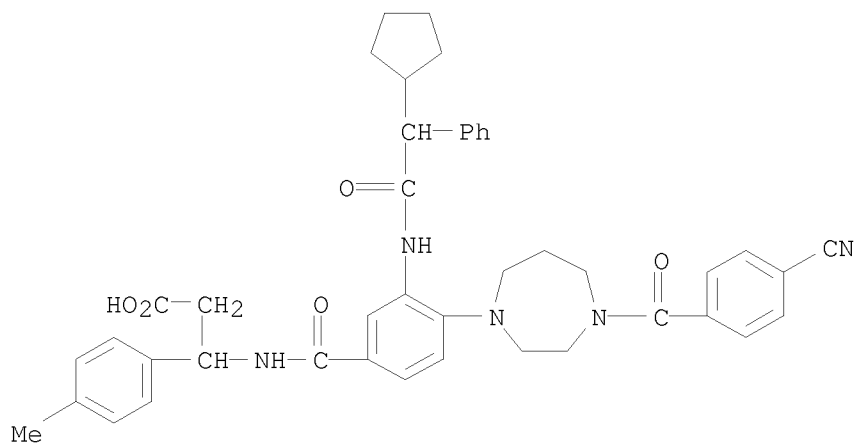
CN Benzenepropanoic acid, β -[[4-[4-(4-cyanobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]-3-[(2-cyclopentyl-2-phenylacetyl)amino]benzoyl]amino]-4-methyl- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzenepropanoic acid, β -[[4-[4-(4-cyanobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]-3-[(cyclopentylphenylacetyl)amino]benzoyl]amino]-4-methyl- (9CI)

MF C43 H45 N5 O5

SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

L18 ANSWER 137 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN

RN 439270-86-7 REGISTRY

ED Entered STN: 18 Jul 2002

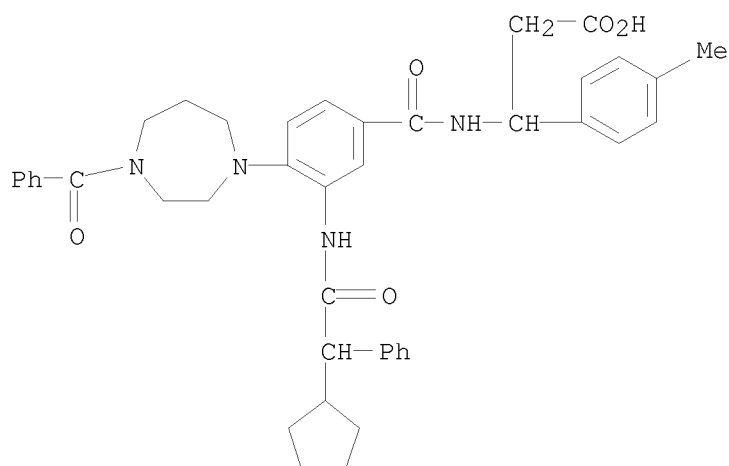
CN Benzenepropanoic acid, β -[[4-(4-benzoylhexahydro-1H-1,4-diazepin-1-yl)-3-[(2-cyclopentyl-2-phenylacetyl)amino]benzoyl]amino]-4-methyl-
(CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzenepropanoic acid, β -[[4-(4-benzoylhexahydro-1H-1,4-diazepin-1-yl)-3-[(cyclopentylphenylacetyl)amino]benzoyl]amino]-4-methyl- (9CI)

MF C42 H46 N4 O5

SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

L18 ANSWER 138 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN

RN 439270-26-5 REGISTRY

ED Entered STN: 18 Jul 2002

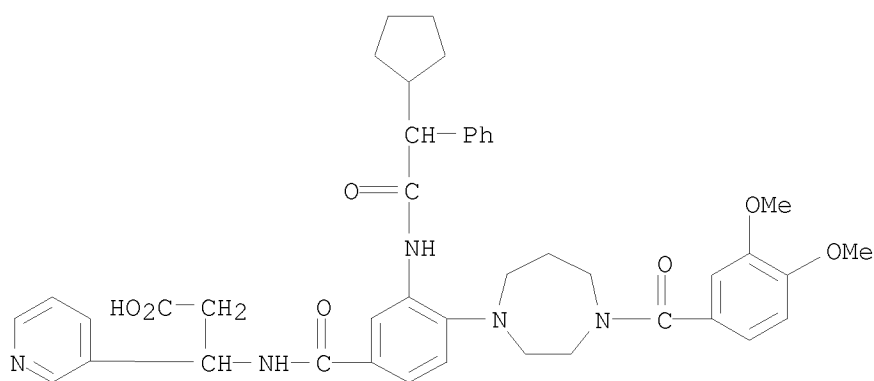
CN 3-Pyridinepropanoic acid, β -[[3-[(2-cyclopentyl-2-phenylacetyl)amino]-4-[4-(3,4-dimethoxybenzoyl)hexahydro-1H-1,4-diazepin-1-yl]benzoyl]amino]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 3-Pyridinepropanoic acid, β -[[3-[(cyclopentylphenylacetyl)amino]-4-[4-(3,4-dimethoxybenzoyl)hexahydro-1H-1,4-diazepin-1-yl]benzoyl]amino]- (9CI)

MF C42 H47 N5 O7

SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

L18 ANSWER 139 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN

RN 439270-24-3 REGISTRY

ED Entered STN: 18 Jul 2002

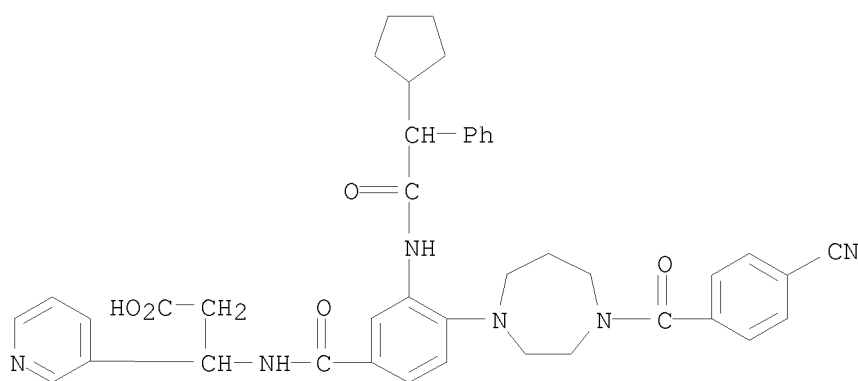
CN 3-Pyridinepropanoic acid, β -[[4-[4-(4-cyanobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]-3-[(2-cyclopentyl-2-phenylacetyl)amino]benzoyl]amino]-
(CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 3-Pyridinepropanoic acid, β -[[4-[4-(4-cyanobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]-3-[(cyclopentylphenylacetyl)amino]benzoyl]amino]-
(9CI)

MF C41 H42 N6 O5

SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

L18 ANSWER 140 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN

RN 439270-20-9 REGISTRY

ED Entered STN: 18 Jul 2002

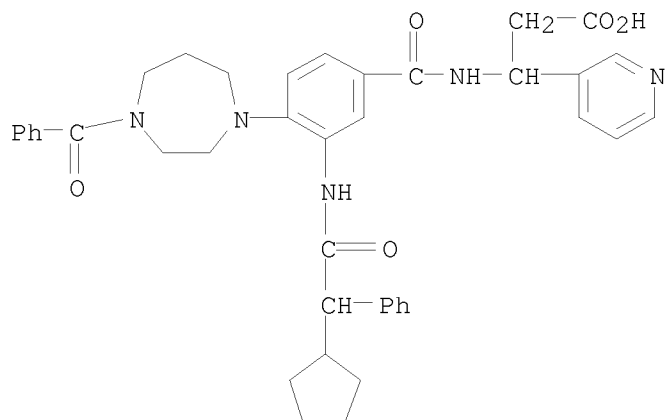
CN 3-Pyridinepropanoic acid, β -[[4-(4-benzoylhexahydro-1H-1,4-diazepin-1-yl)-3-[(2-cyclopentyl-2-phenylacetyl)amino]benzoyl]amino]-
(CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 3-Pyridinepropanoic acid, β -[[4-(4-benzoylhexahydro-1H-1,4-diazepin-1-yl)-3-[(cyclopentylphenylacetyl)amino]benzoyl]amino]- (9CI)

MF C40 H43 N5 O5

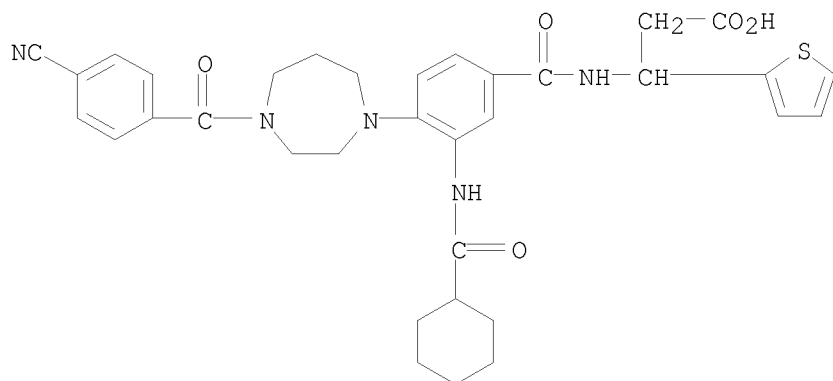
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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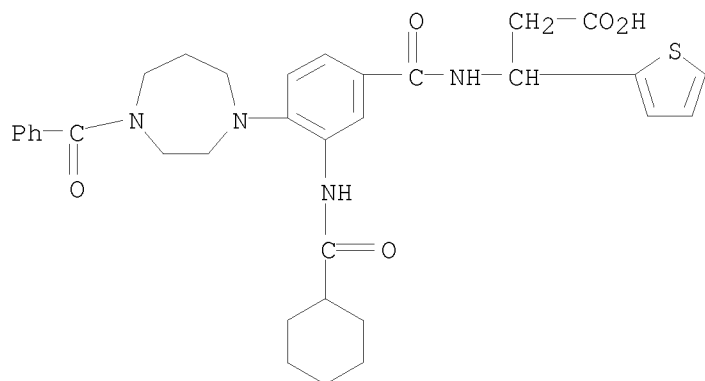
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RN 439269-70-2 REGISTRY
ED Entered STN: 18 Jul 2002
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INDEX NAME)
MF C34 H37 N5 O5 S
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

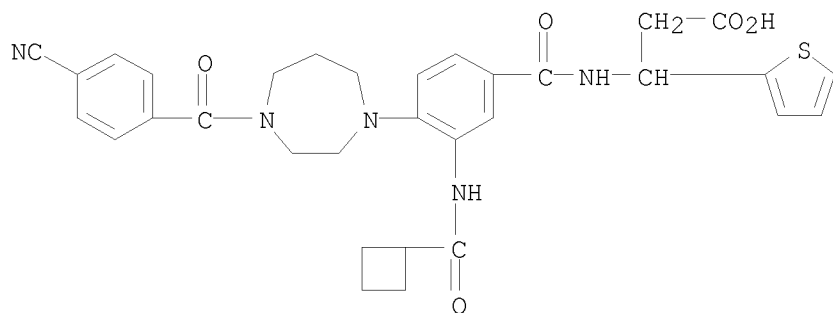
L18 ANSWER 142 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439269-69-9 REGISTRY
ED Entered STN: 18 Jul 2002
CN 2-Thiophenepropanoic acid, β -[[4-(4-benzoylhexahydro-1H-1,4-diazepin-1-yl)-3-[(cyclohexylcarbonyl)amino]benzoyl]amino]- (CA INDEX NAME)
MF C33 H38 N4 O5 S
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

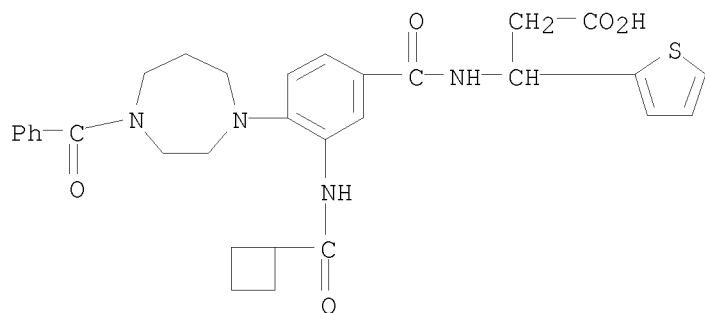
L18 ANSWER 143 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439269-60-0 REGISTRY
ED Entered STN: 18 Jul 2002
CN 2-Thiophenepropanoic acid, β -[[4-[4-(4-cyanobenzoyl)hexahydro-1H-
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INDEX NAME)
MF C32 H33 N5 O5 S
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

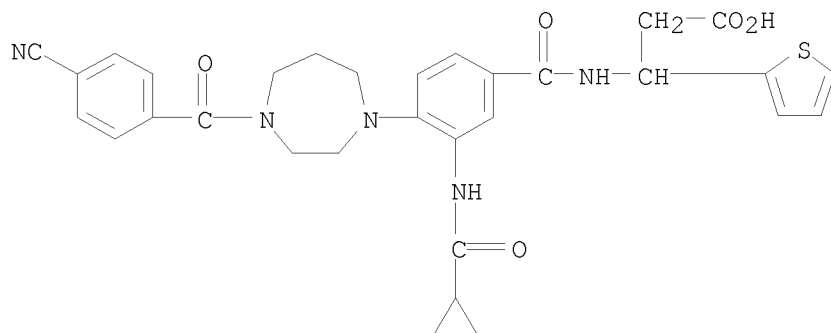
L18 ANSWER 144 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439269-59-7 REGISTRY
ED Entered STN: 18 Jul 2002
CN 2-Thiophenepropanoic acid, β -[[4-(4-benzoylhexahydro-1H-1,4-diazepin-1-yl)-3-[(cyclobutylcarbonyl)amino]benzoyl]amino]- (CA INDEX NAME)
MF C31 H34 N4 O5 S
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

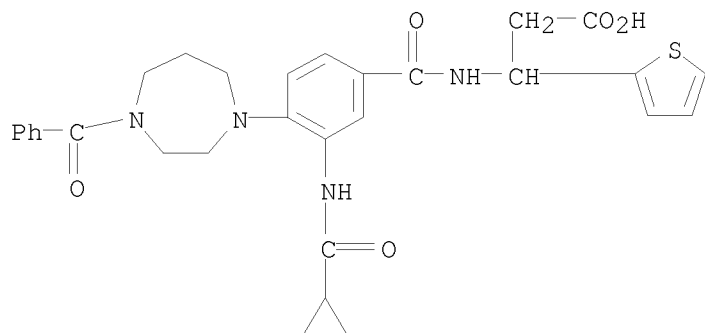
L18 ANSWER 145 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439269-30-4 REGISTRY
ED Entered STN: 18 Jul 2002
CN 2-Thiophenepropanoic acid, β -[[4-[4-(4-cyanobenzoyl)hexahydro-1H-
1,4-diazepin-1-yl]-3-[(cyclopropylcarbonyl)amino]benzoyl]amino]- (CA
INDEX NAME)
MF C31 H31 N5 O5 S
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

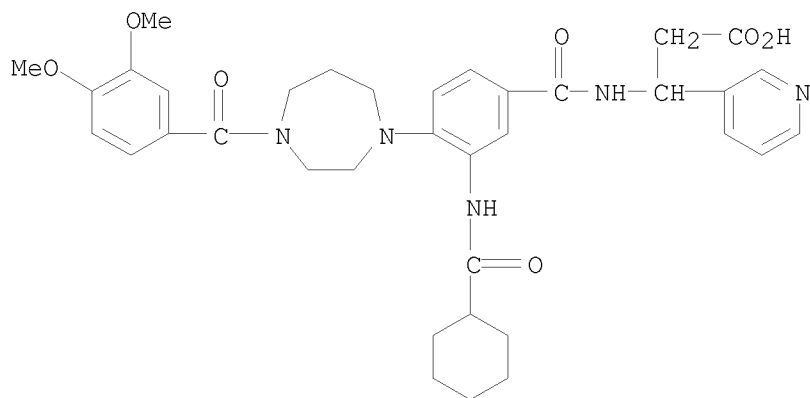
L18 ANSWER 146 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439269-29-1 REGISTRY
ED Entered STN: 18 Jul 2002
CN 2-Thiophenepropanoic acid, β -[[4-(4-benzoylhexahydro-1H-1,4-diazepin-1-yl)-3-[(cyclopropylcarbonyl)amino]benzoyl]amino]- (CA INDEX NAME)
MF C30 H32 N4 O5 S
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

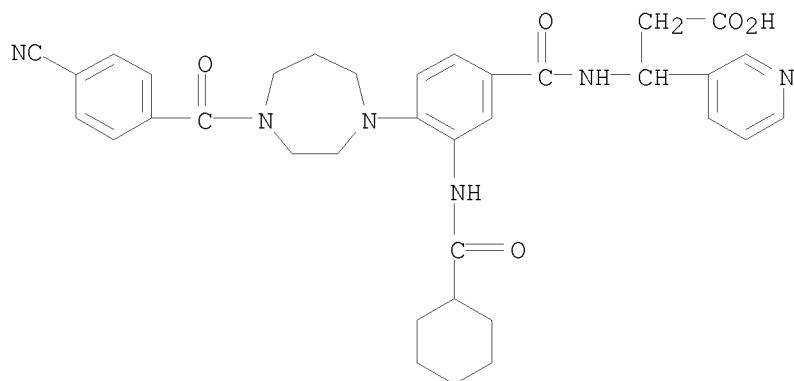
L18 ANSWER 147 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439267-49-9 REGISTRY
ED Entered STN: 18 Jul 2002
CN 3-Pyridinepropanoic acid, β -[[3-[(cyclohexylcarbonyl)amino]-4-[4-(3,4-dimethoxybenzoyl)hexahydro-1H-1,4-diazepin-1-yl]benzoyl]amino]-
(CA INDEX NAME)
MF C36 H43 N5 O7
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

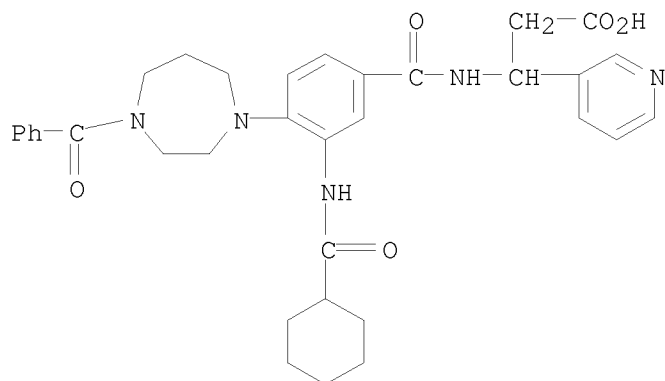
L18 ANSWER 148 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439267-48-8 REGISTRY
ED Entered STN: 18 Jul 2002
CN 3-Pyridinepropanoic acid, β -[[4-[4-(4-cyanobenzoyl)hexahydro-1H-
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INDEX NAME)
MF C35 H38 N6 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

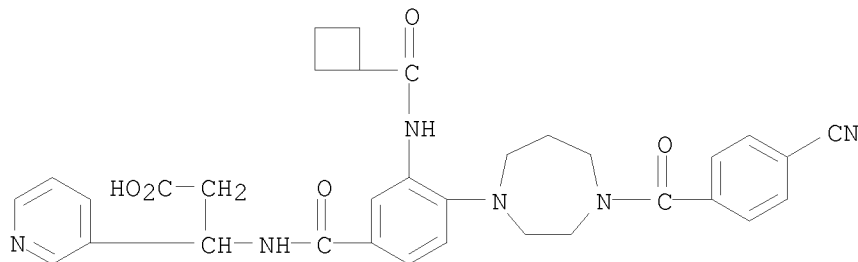
L18 ANSWER 149 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439267-46-6 REGISTRY
ED Entered STN: 18 Jul 2002
CN 3-Pyridinepropanoic acid, β -[[4-(4-benzoylhexahydro-1H-1,4-diazepin-1-yl)-3-[(cyclohexylcarbonyl)amino]benzoyl]amino]- (CA INDEX NAME)
MF C34 H39 N5 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

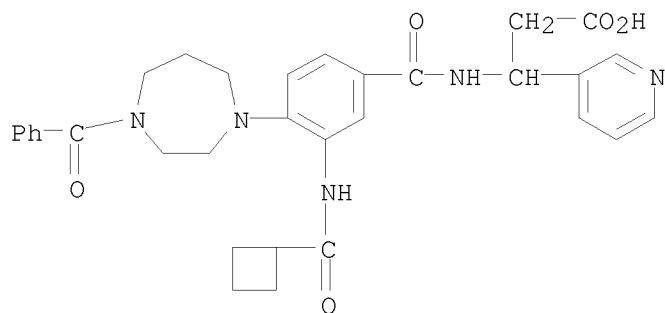
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RN 439267-35-3 REGISTRY
ED Entered STN: 18 Jul 2002
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INDEX NAME)
MF C33 H34 N6 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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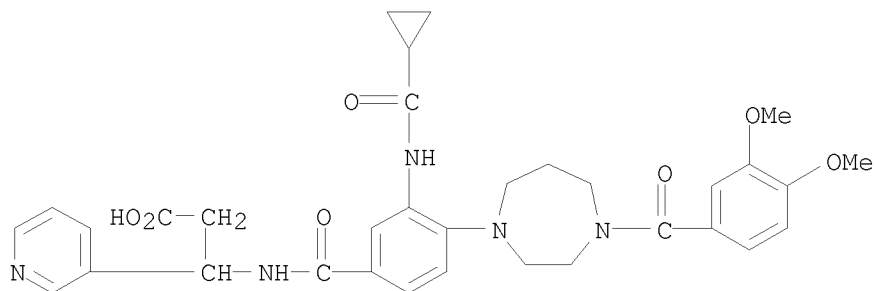
L18 ANSWER 152 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439267-33-1 REGISTRY
ED Entered STN: 18 Jul 2002
CN 3-Pyridinepropanoic acid, β -[[4-(4-benzoylhexahydro-1H-1,4-diazepin-1-yl)-3-[(cyclobutylcarbonyl)amino]benzoyl]amino]- (CA INDEX NAME)
MF C32 H35 N5 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

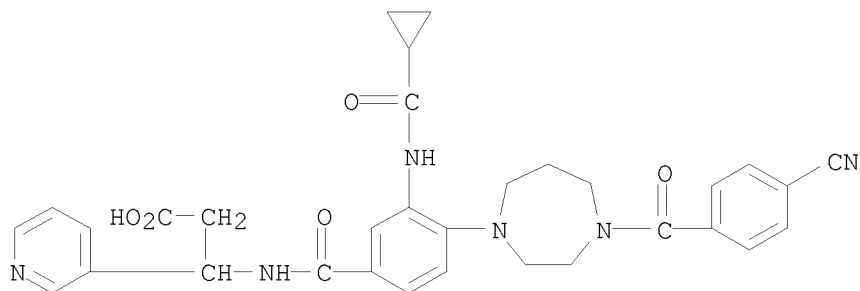
L18 ANSWER 153 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439266-53-2 REGISTRY
ED Entered STN: 18 Jul 2002
CN 3-Pyridinepropanoic acid, β -[[3-[(cyclopropylcarbonyl)amino]-4-[4-(3,4-dimethoxybenzoyl)hexahydro-1H-1,4-diazepin-1-yl]benzoyl]amino]-
(CA INDEX NAME)
MF C33 H37 N5 O7
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

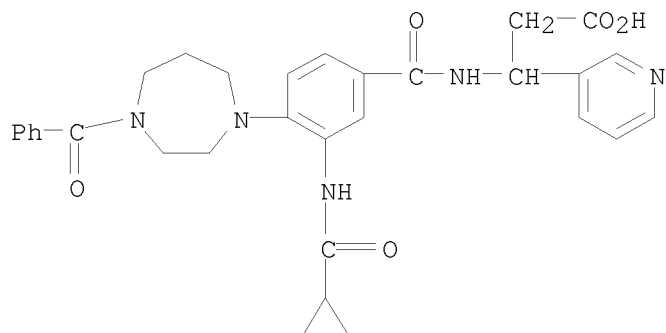
L18 ANSWER 154 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439266-52-1 REGISTRY
ED Entered STN: 18 Jul 2002
CN 3-Pyridinepropanoic acid, β -[[4-[4-(4-cyanobenzoyl)hexahydro-1H-
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INDEX NAME)
MF C32 H32 N6 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

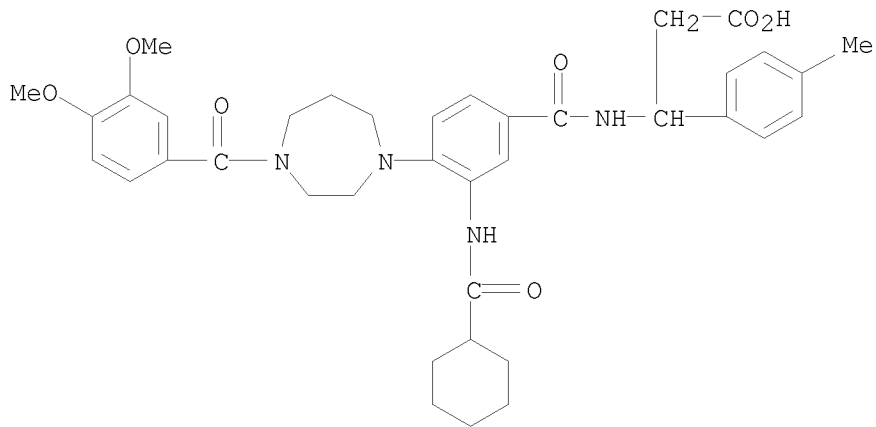
L18 ANSWER 155 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439266-50-9 REGISTRY
ED Entered STN: 18 Jul 2002
CN 3-Pyridinepropanoic acid, β -[[4-(4-benzoylhexahydro-1H-1,4-diazepin-1-yl)-3-[(cyclopropylcarbonyl)amino]benzoyl]amino]- (CA INDEX NAME)
MF C31 H33 N5 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

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L18 ANSWER 156 OF 381  REGISTRY  COPYRIGHT 2009 ACS on STN
RN  439263-76-0  REGISTRY
ED  Entered STN:  18 Jul 2002
CN  Benzenepropanoic acid,  $\beta$ -[[3-[(cyclohexylcarbonyl)amino]-4-[4-
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MF  C38 H46 N4 O7
SR  Chemical Library
    Supplier: Ambinter
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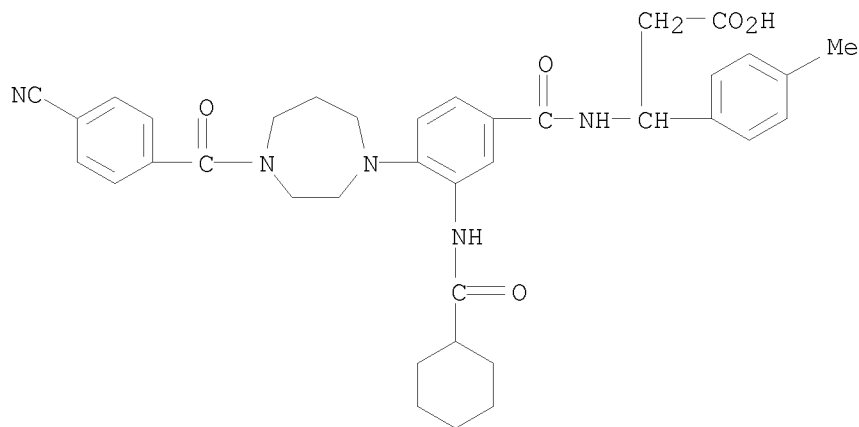
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**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

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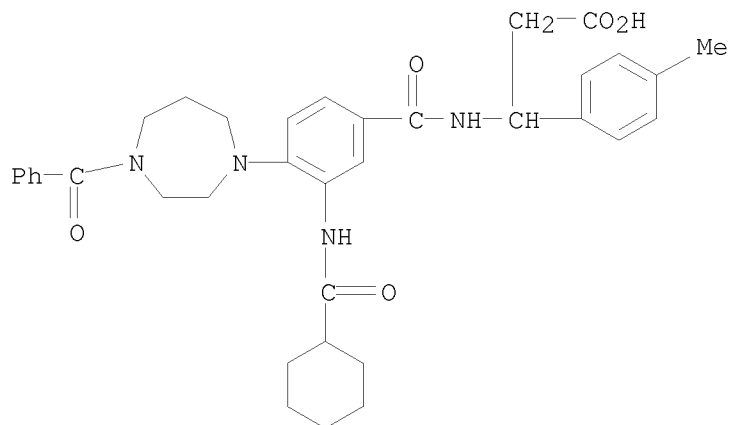
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RN 439263-75-9 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzenepropanoic acid, β -[[4-[4-(4-cyanobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]-3-[(cyclohexylcarbonyl)amino]benzoyl]amino]-4-methyl-
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MF C37 H41 N5 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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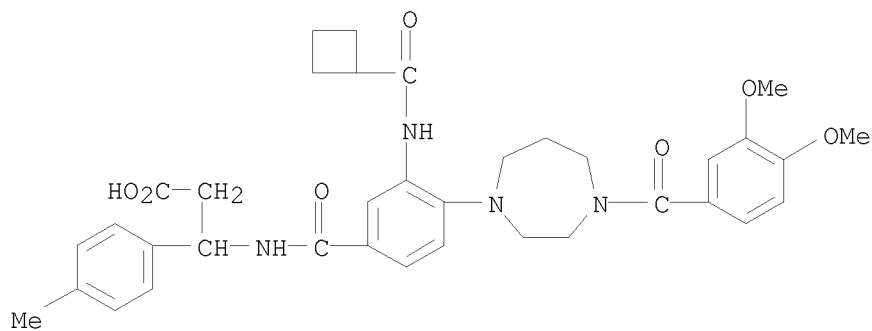
L18 ANSWER 158 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439263-73-7 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzenepropanoic acid, β -[[4-(4-benzoylhexahydro-1H-1,4-diazepin-1-yl)-3-[(cyclohexylcarbonyl)amino]benzoyl]amino]-4-methyl- (CA INDEX NAME)
MF C36 H42 N4 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

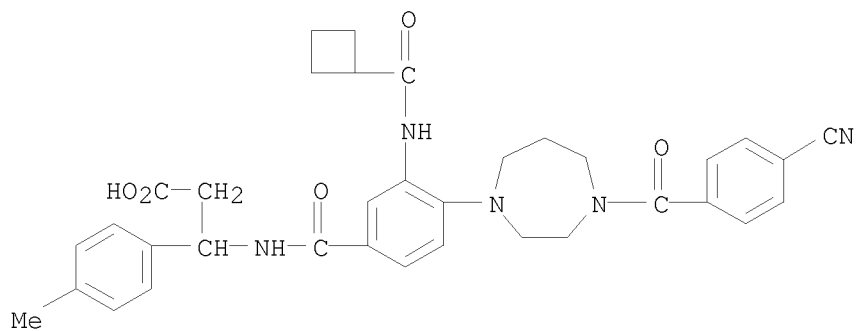
L18 ANSWER 159 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439263-65-7 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzenepropanoic acid, β -[[3-[(cyclobutylcarbonyl)amino]-4-[4-(3,4-dimethoxybenzoyl)hexahydro-1H-1,4-diazepin-1-yl]benzoyl]amino]-4-methyl- (CA INDEX NAME)
MF C36 H42 N4 O7
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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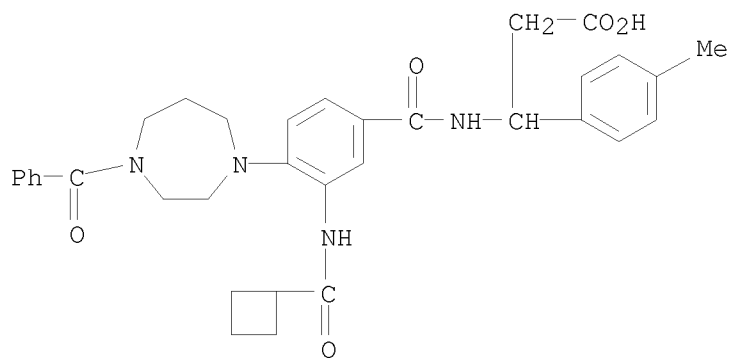
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RN 439263-64-6 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzenepropanoic acid, β -[[4-[4-(4-cyanobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]-3-[(cyclobutylcarbonyl)amino]benzoyl]amino]-4-methyl-
(CA INDEX NAME)
MF C35 H37 N5 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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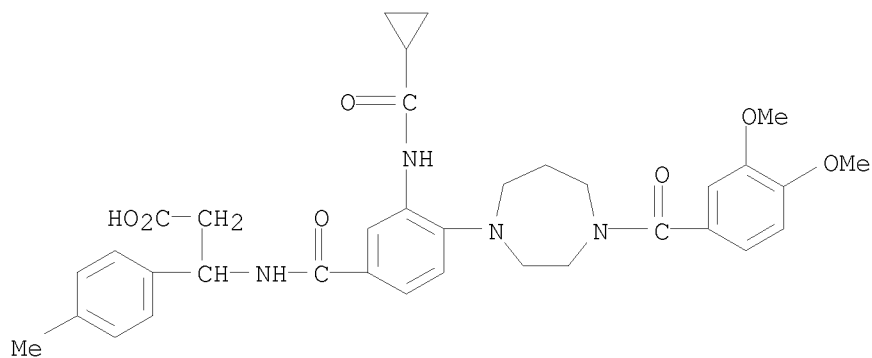
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RN 439263-62-4 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzenepropanoic acid, β -[[4-(4-benzoylhexahydro-1H-1,4-diazepin-1-yl)-3-[(cyclobutylcarbonyl)amino]benzoyl]amino]-4-methyl- (CA INDEX NAME)
MF C34 H38 N4 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

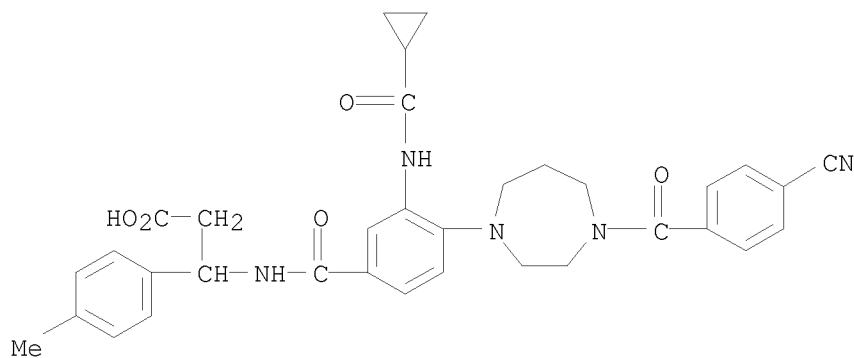
L18 ANSWER 162 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439263-21-5 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzenepropanoic acid, β -[[3-[(cyclopropylcarbonyl)amino]-4-[4-(3,4-dimethoxybenzoyl)hexahydro-1H-1,4-diazepin-1-yl]benzoyl]amino]-4-methyl- (CA INDEX NAME)
MF C35 H40 N4 O7
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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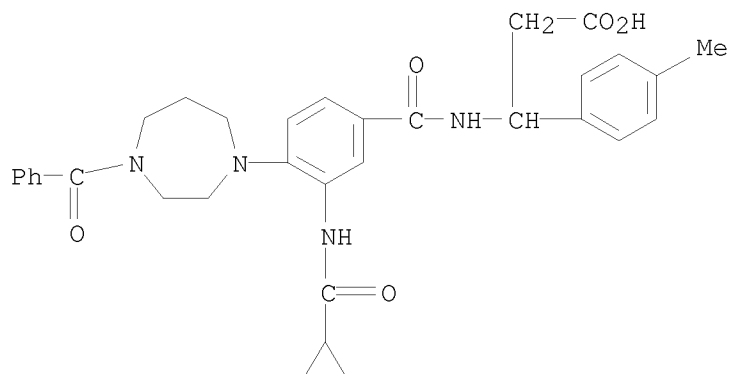
L18 ANSWER 163 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439263-20-4 REGISTRY
ED Entered STN: 18 Jul 2002
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(CA INDEX NAME)
MF C34 H35 N5 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

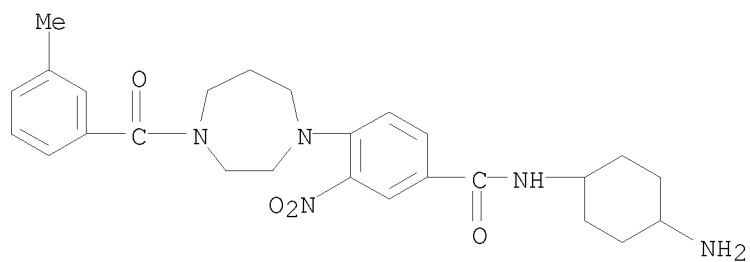
L18 ANSWER 164 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439263-19-1 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzenepropanoic acid, β -[[4-(4-benzoylhexahydro-1H-1,4-diazepin-1-yl)-3-[(cyclopropylcarbonyl)amino]benzoyl]amino]-4-methyl- (CA INDEX NAME)
MF C33 H36 N4 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

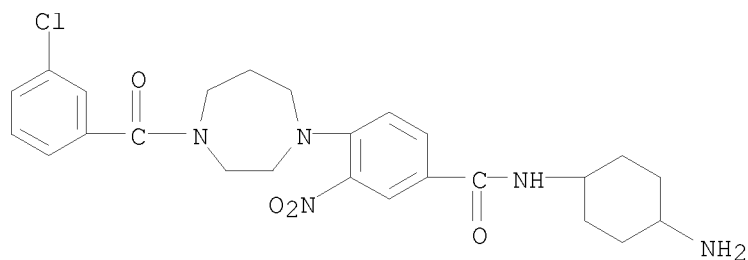
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L18  ANSWER 165 OF 381  REGISTRY  COPYRIGHT 2009 ACS on STN
RN   439259-17-3  REGISTRY
ED   Entered STN:   18 Jul 2002
CN   Benzamide, N-(4-aminocyclohexyl)-4-[hexahydro-4-(3-methylbenzoyl)-1H-
    1,4-diazepin-1-yl]-3-nitro-  (CA INDEX NAME)
MF   C26 H33 N5 O4
SR   Chemical Library
    Supplier: Ambinter
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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

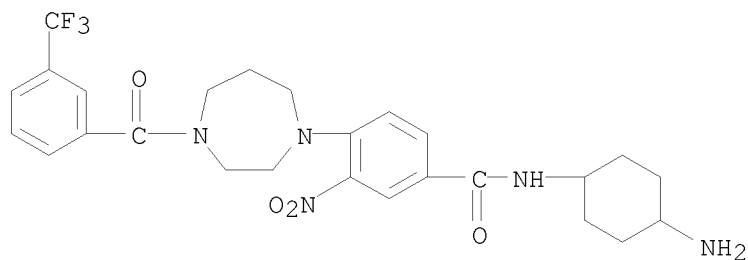
L18 ANSWER 166 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439259-11-7 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-4-[4-(3-chlorobenzoyl)hexahydro-1H-
1,4-diazepin-1-yl]-3-nitro- (CA INDEX NAME)
MF C25 H30 Cl N5 O4
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

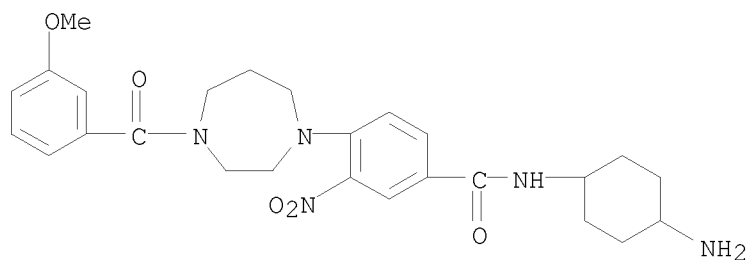
L18 ANSWER 167 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439259-10-6 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-4-[hexahydro-4-[3-(trifluoromethyl)benzoyl]-1H-1,4-diazepin-1-yl]-3-nitro- (CA INDEX NAME)
MF C26 H30 F3 N5 O4
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

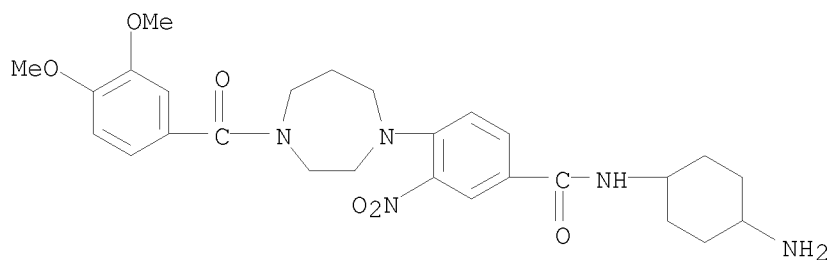
L18 ANSWER 168 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439259-08-2 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-4-[hexahydro-4-(3-methoxybenzoyl)-1H-
1,4-diazepin-1-yl]-3-nitro- (CA INDEX NAME)
MF C26 H33 N5 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

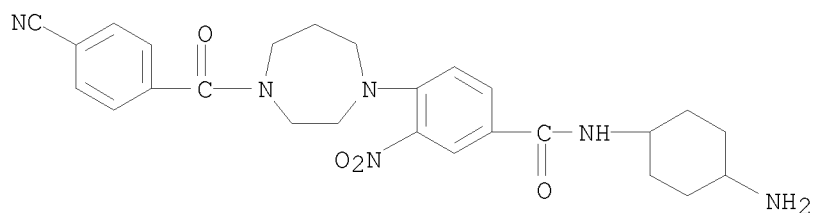
L18 ANSWER 169 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439259-06-0 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-4-[4-(3,4-dimethoxybenzoyl)hexahydro-
1H-1,4-diazepin-1-yl]-3-nitro- (CA INDEX NAME)
MF C27 H35 N5 O6
SR Chemical Library
Supplier: Ambinter



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10/576,492

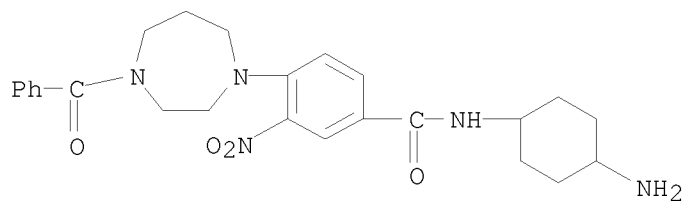
L18 ANSWER 170 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439259-05-9 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-4-[4-(4-cyanobenzoyl)hexahydro-1H-
1,4-diazepin-1-yl]-3-nitro- (CA INDEX NAME)
MF C26 H30 N6 O4
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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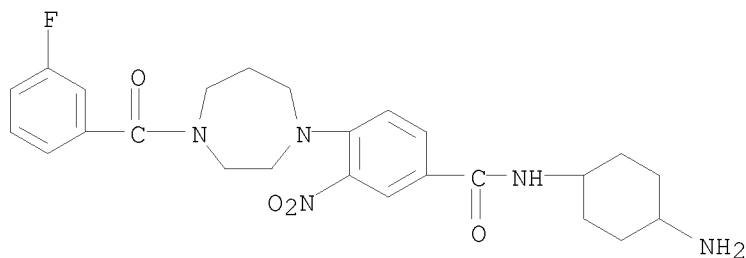
L18 ANSWER 171 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439259-02-6 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-4-(4-benzoylhexahydro-1H-1,4-
diazepin-1-yl)-3-nitro- (CA INDEX NAME)
MF C25 H31 N5 O4
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

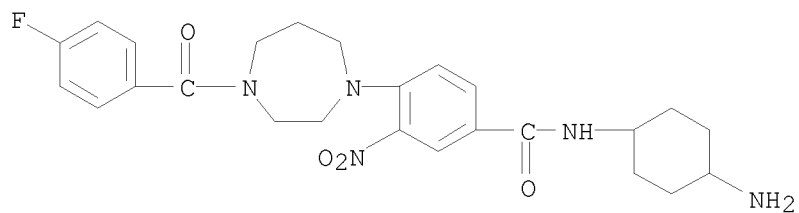
L18 ANSWER 172 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439259-01-5 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-4-[4-(3-fluorobenzoyl)hexahydro-1H-
1,4-diazepin-1-yl]-3-nitro- (CA INDEX NAME)
MF C25 H30 F N5 O4
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

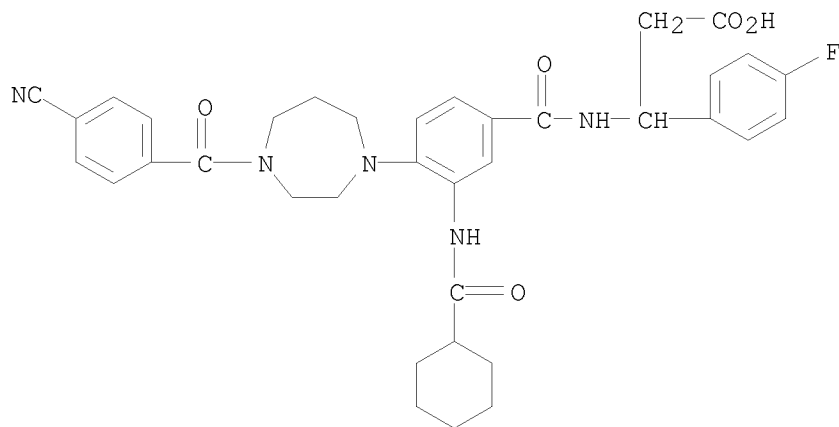
L18 ANSWER 173 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439258-99-8 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzamide, N-(4-aminocyclohexyl)-4-[4-(4-fluorobenzoyl)hexahydro-1H-
1,4-diazepin-1-yl]-3-nitro- (CA INDEX NAME)
MF C25 H30 F N5 O4
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/576,492

L18 ANSWER 174 OF 381 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439252-70-7 REGISTRY
ED Entered STN: 18 Jul 2002
CN Benzenepropanoic acid, β -[[4-[4-(4-cyanobenzoyl)hexahydro-1H-1,4-diazepin-1-yl]-3-[(cyclohexylcarbonyl)amino]benzoyl]amino]-4-fluoro-
(CA INDEX NAME)
MF C36 H38 F N5 O5
SR Chemical Library
Supplier: Ambinter



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT